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Theory of Superconductivity

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2438	Level density of degenerate Fermi systems. 1958 , 8, 265-283	48
2437	Density of low-lying particle levels in odd-mass nuclei in the regions of large deformation. 1958 , 9, 670-67	8 6
2436	On superconductivity. 1958 , 24, 1045-1050	
2435	Theory of superconductivity. 1958 , 24, S27-S34	2
2434	Absorption of electromagnetic radiation in superconductors. 1958 , 24, S35-S41	4
2433	Role of surface energies in superconductivity. 1958 , 24, S42-S47	13
2432	Experimental criteria for the theory of superconductivity. 1958 , 24, S48-S52	1
2431	46. The interaction in the BCS theory of superconductivity. 1958 , 24, S147	
2430	64. On the influence of exchange on superconductivity in an alloy with a transition metal. 1958 , 24, S153	3
2429	150. On the possible superfluidity of liquid 3He. 1958 , 24, S183	1
2428	On the ground state of superconductors. 1958 , 24, 304-312	2
2427	A theorem on the single particle energy in a Fermi gas with interaction. 1958 , 24, 363-376	350
2426	A New Method in the Theory of Superconductivity. 1958 , 6, 605-682	122
2425	On the collective properties of a boson system. 1958 , 10, 37-54	85
2424	Gauge invariance in the theory of superconductivity. 1958 , 10, 496-504	16
2423	Comments on the theory of superconductivity. 1958 , 7, 843-857	500

2422	Random-Phase Approximation in the Theory of Superconductivity. <i>Physical Review</i> , 1958 , 112, 1900-1916	1038
2421	Superconducting Energy Gap Inferences from Thin-Film Transmission Data. <i>Physical Review</i> , 1958 , 110, 778-779	8
2420	Zur Theorie der Supraleitung. 1958 , 151, 613-629	22
2419	The properties of metals at low temperatures. 1958 , 7, 339-394	5
2418	Coherent Excited States in the Theory of Superconductivity: Gauge Invariance and the Meissner Effect. <i>Physical Review</i> , 1958 , 110, 827-835	289
2417	Application of Perturbation Methods to the Theory of Nuclear Matter. <i>Physical Review</i> , 1958 , 112, 906-922	55
2416	Meissner Effect. <i>Physical Review</i> , 1958 , 111, 1488-1492	42
2415	Meissner Effect and Gauge Invariance. <i>Physical Review</i> , 1958 , 111, 817-821	46
2414	New Method in the Theory of Superconductivity. <i>Physical Review</i> , 1958 , 110, 985-986	38
2413	The Elastic Constants of Crystals. 1958 , 7, 213-351	451
2412	Experimental Evidence for an Energy Gap in Superconductors. 1958 , 30, 1109-1136	58
2411	Possible Analogy between the Excitation Spectra of Nuclei and Those of the Superconducting Metallic State. <i>Physical Review</i> , 1958 , 110, 936-938	630
241 0	Theory of the Anomalous Skin Effect in Normal and Superconducting Metals. <i>Physical Review</i> , 1958 , 111, 412-417	1202
2400	Effects of Pressure on the Superconducting Transition Temperatures of Sn, In, Ta, Tl, and Hg.	217
2409	Physical Review, 1958 , 112, 31-43	
2409	Specific Heat of Gallium and Zinc in the Normal and Superconducting States. <i>Physical Review</i> , 1958 , 112, 1083-1088	68
	Specific Heat of Gallium and Zinc in the Normal and Superconducting States. <i>Physical Review</i> , 1958 ,	68
2408	Specific Heat of Gallium and Zinc in the Normal and Superconducting States. <i>Physical Review</i> , 1958 , 112, 1083-1088	

2404	Evaluation of the Contribution of the Umklapp-Processes to the Electron-Phonon Interaction. 1958 , 1, 244-245	4
2403	Volume Changes Associated with the Superconducting Transition. <i>Physical Review</i> , 1958 , 111, 1078-1086	20
2402	Remarks on the Meissner Effect. <i>Physical Review</i> , 1958 , 111, 72-74	45
2401	Isotope Effect on the Superconducting Transition in Lead. <i>Physical Review</i> , 1958 , 112, 1522-1532	16
2400	Penetration Depth, Susceptibility, and Nuclear Magnetic Resonance in Finely Divided Superconductors. <i>Physical Review</i> , 1958 , 110, 26-29	45
2399	Paramagnetic Susceptibility in Superconductors. <i>Physical Review</i> , 1958 , 110, 769-770	261
2398	Superconductivity in the Periodic System. <i>Physical Review</i> , 1958 , 109, 280-287	164
2397	Critical Field Measurements on Superconducting Lead Isotopes. <i>Physical Review</i> , 1958 , 112, 1888-1898	117
2396	Remarks on the Theory of Superconductivity. <i>Physical Review</i> , 1958 , 111, 1255-1256	11
2395	Two-Fluid Model of Superconductivity. 1958 , 1, 399-400	81
2394	Conduction Electron-Magnetic Ion Interaction in Rare Earths. 1958 , 1, 322-324	29
2393	Theory of the Meissner Effect. 1958 , 1, 407-408	10
2392	Far Infrared Energy Gap Measurements in Bulk Superconductors. 1958 , 1, 318-320	35
2391	Intermediate State of Superconductors: Influence of Crystal Structure. <i>Physical Review</i> , 1958 , 110, 1011-1016	20
2390	Variational Wave Function for Nuclear Matter. <i>Physical Review</i> , 1958 , 110, 1126-1130	3
2389	Superconducting Energy Gap Inferences from Thin-Film Transmission Data. <i>Physical Review</i> , 1958 , 110, 776-778	8
2388	Conductivity of Superconducting Films: A Sum Rule. <i>Physical Review</i> , 1958 , 109, 1398-1399	143
2387	Penetration of Magnetic Fields through Superconducting Films. <i>Physical Review</i> , 1958 , 109, 1856-1857	13

2386 Penetration of Electromagnetic Fields through Superconducting Films. Physical Review, 1958, 109, 1857-1858 13 Transition entre lats mealiques et isolants pour un gaz d'lectrons. Application aux bandes 93 d'impuret et aux antiferromagn liques. I. 1959, 20, 606-620 2384 THE DESTRUCTION OF SUPERCONDUCTIVITY IN TANTALUM WIRES BY A CURRENT. 1959, 37, 485-495 Pressure dependence of the critical field in indium single crystals. 1959, 4, 1207-1212 2383 9 2382 The Meissner Effect, Gauge Invariance and Electron Correlations. 1959, 74, 340-349 Ultrasonic Attenuation in Superconducting and Normal Mercury. 1959, 73, 291-296 2380 Susceptibility of Superconducting Spheres. 1959, 74, 153-160 7 Impurity Effects on the Superconductive Critical Temperature of Indium and Aluminum. Physical 120 2379 Review, 1959, 114, 719-724 2378 Possible Superfluidity of a System of Strongly Interacting Fermions. *Physical Review*, **1959**, 114, 1377-1382 80 Meissner-Ochsenfeld Effect in the Bogoljubov Theory. Physical Review, 1959, 115, 1446-1459 6 2377 Isotope Effect in the Bardeen-Cooper-Schrieffer and Bogoliubov Theories of Superconductivity. 2376 32 Physical Review, 1959, 116, 45-52 High-Current Superconductivity. Physical Review, 1959, 116, 1390-1399 2375 20 Knight Shift in Superconductors. 1959, 3, 323-325 22 Surface Coupling Mechanism for Approaching Statistical Equilibrium in Compound Nucleus 24 2373 Formation, with Application to Fission. Physical Review, 1959, 116, 372-382 Penetration Depth in Impure Superconductors. Physical Review, 1959, 113, 1209-1212 66 Effects of Spin-Orbit Coupling in Rare Earth Metals, and in Solutions of Rare Earth Metals. 1959, 2, 387-389 32 2370 Moments Of Inertia of Even-Even Rare Earths. 1959, 3, 342-343 18 2369 Superconductivity of [Mercury. 1959, 2, 296-297 15

2368	Superconducting Electronic Specific Heats, The "Exponential Law," and the Bardeen, Cooper, Schrieffer Theory. 1959 , 2, 391-393	25
2367	Frequency Dependence of the Surface Resistance of Superconducting Tin in the Millimeter Wavelength Region. <i>Physical Review</i> , 1959 , 116, 270-279	15
2366	Millimeter Wave Absorption in Superconducting Aluminum. I. Temperature Dependence of the Energy Gap. <i>Physical Review</i> , 1959 , 116, 853-861	68
2365	Contribution of the Nucleus to the Specific Heat of Rhenium. 1959 , 2, 260-261	33
2364	Collective Excitations and the Meissner Effect. 1959 , 2, 90-91	9
2363	Measurement of the Temperature Variation of the Energy Gap in Superconducting Aluminum. 1959 , 2, 143-145	22
2362	Knight Shift in Superconductors. 1959 , 3, 322-323	13
2361	Nuclear Spin Relaxation in Normal and Superconducting Aluminum. <i>Physical Review</i> , 1959 , 113, 1504-1519	556
2360	Evidence for Anisotropy of the Superconducting Energy Gap from Ultrasonic attenuation. 1959 , 3, 15-16	70
2359	Millimeter Wave Absorption in Superconducting Aluminum. II. Calculation of the Skin Depth. <i>Physical Review</i> , 1959 , 116, 862-867	24
2358	Apparent Structure on the Far Infrared Energy Gap in Superconducting Lead and Mercury. 1959 , 3, 337-338	30
2357	Theory of Nuclear Spin Relaxation in Superconductors. <i>Physical Review</i> , 1959 , 116, 79-81	95
2356	Specific Heat Measurements and the Energy Gap in Superconductors. 1959 , 3, 17-17	30
2355	Law of Corresponding States in Superconductivity. <i>Physical Review</i> , 1959 , 116, 346-347	3
2354	Moment of Inertia of Interacting Many-Body Fermion Systems. <i>Physical Review</i> , 1959 , 115, 778-784	25
2353	Electromagnetic Properties of Superconductors. <i>Physical Review</i> , 1959 , 115, 75-78	3
2352	"Thin-Film" Experiment with Bulk Superconductors. <i>Physical Review</i> , 1959 , 113, 1435-1445	1
2351	On the existence of solutions of the Brueckner equations for a many-fermion system. 1959 , 12, 69-83	46

	Abnormal behaviour of the dilute fermi gas for negative two body scattering length. 1959 , 25, 849-858	40
2349	Calcul semi-empirique de la temperature de transition des superconducteurs et de l'effet de la pression sur la transition. 1959 , 10, 277-285	42
2348	Theory of dirty superconductors. 1959 , 11, 26-30	1748
2347	Neutron evaporation and level densities in excited nuclei. 1959 , 13, 32-52	231
2346	Superfluidity and the moments of inertia of nuclei. 1959 , 13, 655-674	306
2345	A statistical analysis of excited nuclear states. 1959 , 11, 481-491	158
2344	Collective Excitations in the Theory of Superconductivity. <i>Physical Review</i> , 1959 , 115, 795-808	105
2343	Determination of the Superconducting Skin Depth from the Energy Gap and Sum Rule. 1959 , 2, 331-333	153
2342	7. Electrical Properties. 1959 , 6, 1-143	1
2341	Bardeen-Cooper-Schrieffer Theory of Superconductivity in the Case of Overlapping Bands. 1959 , 3, 552-554	1103
2340		
-54-	Calculation of Partition Functions. 1959 , 3, 77-78	1030
2339	Calculation of Partition Functions. 1959 , 3, 77-78 Heat Capacity of Aluminum between 0.1°K and 4.0°K. <i>Physical Review</i> , 1959 , 114, 676-685	1030
,		
2339	Heat Capacity of Aluminum between 0.1°K and 4.0°K. <i>Physical Review</i> , 1959 , 114, 676-685	182
2339	Heat Capacity of Aluminum between 0.1°K and 4.0°K. <i>Physical Review</i> , 1959 , 114, 676-685 Impurity Scattering in Superconductors. <i>Physical Review</i> , 1959 , 114, 977-988 Theory of the Thermal Conductivity of Superconductors. <i>Physical Review</i> , 1959 , 113, 982-994	182 95
2339 2338 2337	Heat Capacity of Aluminum between 0.1°K and 4.0°K. <i>Physical Review</i> , 1959 , 114, 676-685 Impurity Scattering in Superconductors. <i>Physical Review</i> , 1959 , 114, 977-988 Theory of the Thermal Conductivity of Superconductors. <i>Physical Review</i> , 1959 , 113, 982-994	182 95 471
2339 2338 2337 2336	Heat Capacity of Aluminum between 0.1°K and 4.0°K. <i>Physical Review</i> , 1959 , 114, 676-685 Impurity Scattering in Superconductors. <i>Physical Review</i> , 1959 , 114, 977-988 Theory of the Thermal Conductivity of Superconductors. <i>Physical Review</i> , 1959 , 113, 982-994 Spin Alignment in the Superconducting State. <i>Physical Review</i> , 1959 , 116, 898-900	182 95 471 264

2332	ULTRASONIC ATTENUATION IN SUPERCONDUCTING AND NORMAL MERCURY. 1959 , 37, 1100-1104	4
2331	Physics at High Pressure. 1960 , 11, 41-147	14
2330	Expectation values of operators in the quasi chemical equilibrium theory. 1960 , 1, 465-484	16
2329	On the Superconducting Ground State. 1960 , 15, 1783-1806	
2328	Collective motion in many-particle systems. 1960 , 9, 272-291	206
2327	Perturbation theory in statistical mechanics and the theory of superconductivity. 1960 , 10, 553-588	312
2326	Stability conditions and nuclear rotations in the Hartree-Fock theory. 1960 , 21, 225-232	676
2325	Energy of a low density neutron gas. 1960 , 21, 582-594	14
2324	Pairing interaction in nuclei. 1960 , 19, 496-499	2
2323	A derivation of the pairing-correlation method. 1960 , 15, 33-38	144
2323	A derivation of the pairing-correlation method. 1960 , 15, 33-38 Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960 , 18, 596-614	144
2322		
2322	Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960 , 18, 596-614	11
2322	Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960 , 18, 596-614 Recent advances in the theory of superconductivity. 1960 , 26, S124-S136	11 5
2322 2321 2320	Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960 , 18, 596-614 Recent advances in the theory of superconductivity. 1960 , 26, S124-S136 The critical field of superconducting aluminium under pressure. 1960 , 1, 91-95	11 5 17
2322 2321 2320 2319	Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960, 18, 596-614 Recent advances in the theory of superconductivity. 1960, 26, S124-S136 The critical field of superconducting aluminium under pressure. 1960, 1, 91-95 Cooling by adiabatic magnetization of superconductors. 1960, 1, 101-107 Sur le dieloppment de la grande fonction de partition pour des systifies de particules identiques.	11 5 17 18
2322 2321 2320 2319 2318	Intrinsic quadrupole moments of deformed nuclei and superfluidity in nuclei. 1960, 18, 596-614 Recent advances in the theory of superconductivity. 1960, 26, S124-S136 The critical field of superconducting aluminium under pressure. 1960, 1, 91-95 Cooling by adiabatic magnetization of superconductors. 1960, 1, 101-107 Sur le divelopment de la grande fonction de partition pour des systines de particules identiques. 1960, 20, 513-532	11 5 17 18

(1960-1960)

Generalized B.C.S. states and aligned orbital angular momentum in the proposed low-temperature phase of liquid 3He. 1960 , 26, S137-S142	12
2313 Collective excitations in fermi systems. 1960 , 26, S174-S180	3
Two remarks on the theory of the Fermi gas. 1960 , 26, S200-S203	3
2311 Outline of recent developments in super-conductivity. 1960 , 1, 255-257	1
2310 Thermal and electrodynamic aspects of the superconductive transition process. 1960 , 1, 287-305	65
High-frequency behavior of very thin superconducting films and changes in critical temperature produced by electrostatic charging. 1960 , 1, 335-338	
2308 Effect of defects on the superconducting properties of tantalum. 1960 , 1, 368-377	21
Quasi-Particles and Gauge Invariance in the Theory of Superconductivity. <i>Physical Review</i> , 1960 , 117, 648-663	1104
2306 Effect of Nuclear Rotation on the Pairing Correlation. 1960 , 5, 511-512	479
Ground-State Energy and Green's Function for Reduced Hamiltonian for Superconductivity. <i>Physical</i> 2305 <i>Review</i> , 1960 , 118, 936-937	19
2304 Canonical transformation and perturbation expansion in the theory of Fermi gas. 1960 , 15, 959-969	6
2303 The superconducting state in the Bethe-Goldstone approximation. 1960 , 16, 485-489	3
2302 Supercurrent and energy gap. 1960 , 16, 570-571	1
2301 Energy gap in the spectrum of free quasi-particles in nuclear matter. 1960 , 18, 1247-1257	5
2300 Superconductivity of Contacts with Interposed Barriers. <i>Physical Review</i> , 1960 , 117, 672-680	95
2299 Moment of Inertia of Superfluid Many-Fermion Systems. <i>Physical Review</i> , 1960 , 118, 1645-1652	12
Possible Explanation of the "Coexistence" of Ferromagnetism and Superconductivity. 1960 , 4, 51-52	36
2297 Difference in Lattice Specific Heats in the Normal and Superconducting Phases. 1960 , 5, 246-248	12

2296	Thermal Conductivity of Pure Indium. <i>Physical Review</i> , 1960 , 120, 1167-1170	21
2295	Nuclear Quadrupole Resonance in Superconducting Gallium. <i>Physical Review</i> , 1960 , 120, 762-772	39
2294	Energy Gap in Nuclear Matter. <i>Physical Review</i> , 1960 , 119, 248-250	78
2293	Critical Fields of Thin Superconducting Films. <i>Physical Review</i> , 1960 , 119, 1591-1596	28
2292	Possible Phase Transition in Liquid He3. <i>Physical Review</i> , 1960 , 119, 43-49	83
2291	Far-Infrared Energy Gap Measurements in Bulk Superconducting In, Sn, Hg, Ta, V, Pb, and Nb. <i>Physical Review</i> , 1960 , 119, 575-590	166
2290	Level Structure of Nuclear Matter and Liquid He3. <i>Physical Review</i> , 1960 , 118, 1442-1446	118
2289	Theoretical Predictions for the Spectra of the Odd-Mass Xenon and Tellurium Isotopes. <i>Physical Review</i> , 1960 , 119, 213-217	65
2288	Critical Field Curve of Superconducting Mercury. <i>Physical Review</i> , 1960 , 118, 127-129	27
2287	Transverse Collective Excitations in Superconductors and Electromagnetic Absorption. <i>Physical Review</i> , 1960 , 118, 1029-1035	41
2286	Superconductivity of Dilute Indium-Mercury Alloys. <i>Physical Review</i> , 1960 , 117, 1476-1482	23
2285	Moments of Inertia of Even-Even Rare Earth Nuclei. <i>Physical Review</i> , 1960 , 118, 850-854	89
2284	Gauge Invariant Formulation of the Bardeen-Cooper-Schrieffer Theory of Superconductivity. <i>Physical Review</i> , 1960 , 119, 502-503	1
2283	Binding Energy of a Neutron Gas. <i>Physical Review</i> , 1960 , 118, 1095-1097	35
2282	Ground and Excited States of a Many-Body System with Singular Interaction. <i>Physical Review</i> , 1960 , 119, 2090-2097	13
2281	Far Infrared Transmission through Superconducting Films. <i>Physical Review</i> , 1960 , 118, 990-1000	104
2280	Rotating Self-Consistent Fields and Rotational States of Nuclei. 1960 , 5, 509-510	13
2279	Observation of the Energy Gap by Low-Temperature Penetration Depth Measurements in Lead. 1960 , 4, 52-55	14

[1960-1960]

Theory of Nuclear Quadrupole Interaction in Beryllium Metal. <i>Physical Review</i> , 1960 , 119, 70-78	61
2277 Extension of the Shell Model for Heavy Spherical Nuclei. <i>Physical Review</i> , 1960 , 120, 957-968	454
Theory of Superconducting Contacts. <i>Physical Review</i> , 1960 , 118, 1173-1182	29
2275 CryogenicsA Survey. 1960 , 7, 26-33	
Dislocation damping in metals. 1960 , 9, 1-88	160
2273 Theoretical Aspects of Superconductivity. 1960 , 10, 293-498	16
Summarized proceedings of a conference on solid state physics - Melbourne, August 1959. 1960 , 11, 137-142	
Generalized Bardeen-Cooper-Schrieffer States and Aligned Orbital Angular Momentum in the Proposed Low-Temperature Phase of Liquid He3. 1960 , 5, 136-138	19
2270 Surface Impedance of Superconductors. <i>Physical Review</i> , 1960 , 118, 928-934	121
2269 The interphase surface energy in some pure and impure superconductors. 1960 , 255, 407-426	30
2268 Superconductivity of tin, lead and thallium up to 10 000 atmospheres. 1960 , 254, 522-536	13
2267 Energy Gap in Superconductors Measured by Electron Tunneling. 1960 , 5, 147-148	501
2266 Ultrasonic Absorption in Solids. 1960 , 132, 643-52	5
2265 Direct Measurement of the Superconducting Energy Gap. 1960 , 5, 461-464	96
2264 Electron Tunneling Between Two Superconductors. 1960 , 5, 464-466	243
2263 Elastic Constants of ITin from 4.2°K to 300°K. <i>Physical Review</i> , 1960 , 120, 1658-1663	175
2262 Critical Fields of Superconducting Tin, Indium, and Tantalum. <i>Physical Review</i> , 1960 , 120, 88-91	69
2261 Strong-Coupling Limit in the Theory of Superconductivity. <i>Physical Review</i> , 1960 , 117, 1256-1260	94

2260	The statistical model and nuclear level densities. 1960 , 9, 425-511	960
2259	Classical and quantum plasmas. 1961 , 2, 5-17	101
2258	Thermal conduction in normal and superconducting tin and indium. 1961 , 262, 420-434	28
2257	The surface impedance of normal and superconducting indium at 3000 Mc/s. 1961 , 260, 333-349	37
2256	Superconducting Solid Solution Alloys of the Transition Elements. <i>Physical Review</i> , 1961 , 123, 1569-1580	264
2255	Size Effects in Thin Superconducting Indium Films. <i>Physical Review</i> , 1961 , 123, 442-446	80
2254	Accuracy of the Superconductivity Approximation for Pairing Forces in Nuclei. <i>Physical Review</i> , 1961 , 124, 162-167	196
2253	Ultrasonic Attenuation in Superconductors. <i>Physical Review</i> , 1961 , 121, 402-415	156
2252	Excitons and Plasmons in Superconductors. <i>Physical Review</i> , 1961 , 121, 1050-1062	122
2251	Theory of Many-Particle Systems. II. Superconductivity. <i>Physical Review</i> , 1961 , 124, 670-697	270
2250	Conservation Laws and Correlation Functions. <i>Physical Review</i> , 1961 , 124, 287-299	1302
2249	The theory of the superconductive state. 1961 , 24, 1-23	22
2248	Low-Temperature Specific Heat of Indium and Tin. <i>Physical Review</i> , 1961 , 123, 491-499	85
2247	Generalized Bardeen-Cooper-Schrieffer States and the Proposed Low-Temperature Phase of Liquid He3. <i>Physical Review</i> , 1961 , 123, 1911-1934	469
2246	The theory of the interaction of electrons with lattice vibrations in metals. 1961 , 10, 357-400	48
2245	Theoretical Considerations Concerning Quantized Magnetic Flux in Superconducting Cylinders. 1961 , 7, 46-49	791
2244	Study of Superconductors by Electron Tunneling. <i>Physical Review</i> , 1961 , 122, 1101-1111	308
2243	The theory of nuclear matter. 1961 , 10, 211-312	32

(1961-1961)

2242	Interaction Model. <i>Physical Review</i> , 1961 , 123, 2122-2130	76
2241	Chapter IV Liquid and Solid3He. 1961 , 3, 113-152	7
2240	Flow properties of superfluid systems of fermions. 1961 , 19, 723-737	6
2239	Superfluidity and perturbation expansion in a large fermi system. 1961 , 20, 963-976	8
2238	The knight shift in the superconducting state. 1961 , 21, 559-562	1
2237	Remarks on some topics in nuclear spectroscopy. 1961 , 19, 132-151	
2236	Electromagnetic properties of superconductors. 1961 , 22, 914-935	67
2235	Tunnelling from a Many-Particle Point of View. 1961 , 6, 57-59	1513
2234	Pairing forces and nuclear collective motion. 1961 , 12, 300-329	234
2233	On the dense phases of He3 at very low temperatures. 1961 , 14, 77-93	7
2232	Comparison of two models for the many-fermion system. 1961 , 14, 120-142	14
2231	The moment of inertia of large systems at finite temperature. 1961 , 28, 369-375	1
2230	The effect of pairing energy on the temperature excitation energy of an interacting fermion system. 1961 , 28, 407-413	
2229	On the degeneracy of the superconductive state. 1961 , 25, 522-528	2
2228	Vibrational states of nuclei in the random phase approximation. 1961 , 22, 78-95	521
2227	The effect of pairing energy on the temperature excitation energy of an interacting fermion system. 1961 , 28, 407-413	1
2226	Superconducting magnets. 1961 , 2, 1-15	16
2225	Towards superconductive computers. 1961 , 2, 65-72	0

The critical temperature of superconducting alloys. 1961 , 9, 861-869	55
2223 An extension of the Overhauser model for nuclear matter. 1961 , 12, 409-425	10
The Green's function method and superconductivity of systems of fermions. 1961 , 13, 237-249	2
2221 On field theories with degenerate ground states. 1961 , 16, 14-25	15
Nuclear magnetic resonance in metals. 1961 , 9, 3-91	56
2219 The moment of inertia of superfluid fermion systems of finite temperature. 1961 , 28, 376-386	1
On the treatment of a perturbation in a system of paired fermions. 1961 , 26, 129-135	5
Pairing and quadrupole forces in a two-dimensional soluble model. 1961 , 26, 147-160	10
2216 Collective correlation between vacuum nucleons in PSPS meson theory. 1961 , 25, 472-482	
2215 Magnetic dipole moments of odd-mass nuclei in the spherical region. 1961 , 25, 611-623	33
Pairing plus quadrupole force model for odd-mass single closed shell nuclei. 1961 , 25, 674-686	59
On the Bew Tamm-DancoffDapproximation treatment of the superconductivity Hamiltonian. 1961 , 23, 139-143	6
2212 Pairings in the shell model (III). 1961 , 27, 248-269	1
₂₂₁₁ Levels in Ho162 and Dy162. 1961 , 24, 443-455	26
2210 Compound pair states in imperfect Fermi gases. 1961 , 22, 177-183	46
2209 The moment of inertia of large superfluid fermion systems. 1961 , 22, 283-300	16
2208 Residual interaction and the deformation of nuclei. 1961 , 24, 69-83	

2206 Equilibrium deformations of nuclei in the transuranic region. 1961 , 28, 63-80	52
2205 The moment of inertia of large systems at finite temperature. 1961 , 28, 369-375	5
2204 The moment of inertia of superfluid fermion systems of finite temperature. 1961 , 28, 376-386	4
Electrical resistivity, Hall effect and superconductivity of some b.c.c. titanium-molybdenum alloys*. 1961, 20, 177-186	49
2202 Superconducting titanium-molybdenum alloys. 1961 , 21, 252-255	12
2201 Unusual photoconductive effects. 1961 , 22, 117-122	6
2200 The magnetic forces on superconductors and their applications for magnetic bearings. 1961 , 1, 203-211	11
2199 Atomic heats of tin and tin-indium. 1961 , 1, 166-170	1
2198 Anwendung supraleitender Aufdampfschichten in Technik und Physik. 1961 , 48, 636-640	
2197 Collective Modes in the Theory of Superconductivity. 1961 , 77, 1175-1181	3
2196 Exact Wave Functions in Superconductivity. 1961 , 2, 602-609	21
2195 Quantization of Flux in a Superconducting Cylinder. 1961 , 7, 162-163	64
2194 Generalized Hartree-Fock Method. <i>Physical Review</i> , 1961 , 122, 1012-1020	130
Effect of Magnetic Field on Thermal Conductivity and Energy Gap of Superconducting Films. 1961 , 6, 600-602	18
2192 Superconductivity of Niobium-Molybdenum Alloys Below 1°K. 1961 , 7, 302-303	11
2191 Nuclear Paramagnetic Susceptibility of the Possible Low-Temperature Phase of Liquid He3. 1961 , 6, 1-3	9
Superconducting Transition Temperature of High-Purity Tantalum Metal. <i>Physical Review</i> , 1961 , 122, 387-388	5
2189 Enhancement of Superconductivity by Extraction of Normal Carriers. 1961 , 7, 274-277	42

2188	Frequency-Dependent Hall Effect in Normal and Superconducting Metals. <i>Physical Review</i> , 1961 , 121, 435-450	9
2187	Effect of Periodic Adiabatic Time Variations on Interacting Systems. <i>Physical Review</i> , 1961 , 123, 1262-1264	1
2186	Specific Heats of Some Cubic Superconducting Titanium-Molybdenum Alloys between 1.1 and 4.3°K. <i>Physical Review</i> , 1961 , 123, 1986-1994	36
2185	Perturbation Theory for an Infinite Medium of Fermions. II. <i>Physical Review</i> , 1961 , 121, 950-956	69
2184	Superconductors as Quantum Detectors for Microwave and Sub-Millimeter-Wave Radiation. 1961 , 6, 92-94	42
2183	Nuclear Paramagnetic Susceptibility of Low-Temperature He3 and the Flow Properties of superfluid Systems of Fermions. 1961 , 6, 166-167	
2182	Magnetic Field Dependence of Energy Gap in Superconductors. <i>Physical Review</i> , 1961 , 121, 107-117	11
2181	Conclusions from Superconducting Molybdenum Technetium Alloys. 1961 , 33, 499-500	10
2180	Theory of Strongly Coupled Many-Fermion Systems. I. Convergence of Linked-Cluster Expansions. <i>Physical Review</i> , 1961 , 122, 1021-1028	5
2179	Field Emission from Niobium in the Normal and Superconducting States. <i>Physical Review</i> , 1961 , 124, 1050-105	2 19
2178	Remark Concerning Quantized Magnetic Flux in Superconductors. 1961 , 7, 337-339	36
2177	Perturbative Treatment of Pairing Forces in Many-Fermion Systems. <i>Physical Review</i> , 1961 , 122, 1946-1948	1
2176	Superconducting Tunneling on Bulk Niobium. 1961 , 6, 460-461	41
2175	Higher Random-Phase Approximations in the Many-Body Problem. <i>Physical Review</i> , 1961 , 122, 359-366	69
2174	Superconductivity of ⊞and EMercury. <i>Physical Review</i> , 1961 , 123, 1115-1122	31
2173	Thermodynamics of Dirty Superconductors. <i>Physical Review</i> , 1961 , 123, 1181-1187	6
2172	Superconducting Critical Field of Tantalum as a Function of Temperature and Pressure. <i>Physical Review</i> , 1961 , 123, 1106-1114	33
2171	Magnetic Field Dependence of the Superconducting Energy Gap. 1961 , 6, 346-348	63

Quantization of the Fluxoid in Superconductivity. 1961 , 7, 164-165	37
2169 Superconductivity in the Neighborhood of Metallic Contacts. 1961 , 6, 689-690	196
2168 Lifetime Effects in Condensed Fermion Systems. 1961 , 7, 79-81	10
2167 Nuclear Magnetic Resonance in Superconducting Tin. <i>Physical Review</i> , 1961 , 121, 779-787	65
2166 Possible Effect of Collective Correlation Between Vacuum Nucleons in Pion Physics. 1961 , 6, 425-427	
2165 Pressure Effect on Superconducting Lead. <i>Physical Review</i> , 1961 , 122, 459-468	52
2164 Self-Consistent Field Theory of Nuclear Shapes. <i>Physical Review</i> , 1961 , 122, 992-996	98
2163 Isotope Effect in Superconducting Lead. <i>Physical Review</i> , 1961 , 121, 86-90	12
2162 Ground State Theory of Many-Particle Systems. 1961 , 229-240	9
2161 Chapter VI Recent Developments in Superconductivity. 1961 , 3, 170-287	49
2160 The Thermal Conductivity of Metals at Low Temperatures. 1961 , 12, 223-274	37
2159 Diamagnetism of Many-Fermion Systems. 1961 , 77, 136-146	
2158 A Study of Superconducting Niobium by Electron Tunnelling. 1961 , 78, 309-311	8
²¹⁵⁷ The Low Temperature Specific Heat of an Aluminium-Manganese Alloy. 1961 , 78, 1489-1494	27
2156 Super conductive switching. 1962 , 25, 37-62	4
2155 The Surface Impedance of Superconducting Aluminium at 3 Gc/s. 1962 , 79, 594-598	4
Curacian dusting Department on Depth Managements in Aluminium at 175 Mars 1002 70 572 505	11
2154 Superconducting Penetration Depth Measurements in Aluminium at 175 Mc/s. 1962 , 79, 572-585	11

2152	Absence of an Isotope Effect in Superconducting Ruthenium. 1962 , 9, 288-290	16
2151	Critical Field Measurements of Thin Superconducting Sn Films. 1962 , 33, 1822-1826	12
2150	Low-Temperature Heat Capacity of a Superconducting Alloy of Aluminum. <i>Physical Review</i> , 1962 , 125, 1171-1176	13
2149	Nuclear Spin-Lattice Relaxation in Superconducting Aluminum Alloys. <i>Physical Review</i> , 1962 , 126, 1271-1274	33
2148	Heat Capacity Evidence for a Large Degree of Superconductivity in V3Ga in High Magnetic Fields. 1962 , 8, 275-277	55
2147	Upper Critical Fields of Transition Metal Alloy Superconductors. 1962 , 9, 293-295	60
2146	Investigation by Electron Tunneling of the Superconducting Energy Gaps in Nb, Ta, Sn, and Pb. <i>Physical Review</i> , 1962 , 128, 591-595	167
2145	Observation of Quantum Periodicity in the Transition Temperature of a Superconducting Cylinder. 1962 , 9, 9-12	489
2144	Pressure Effect and Thermal Expansion for Superconducting Tin. <i>Physical Review</i> , 1962 , 127, 72-76	11
2143	Difficulty in the Method of Green's Functions for a Many-Body System. 1962 , 8, 372-375	13
2142	Theory of Superconductivity. <i>Physical Review</i> , 1962 , 125, 1244-1248	14
2141	Calculation of the Quasiparticle Recombination Time in a Superconductor. 1962 , 8, 207-208	44
2140	Multiphonon Effects in Tunnelling Between Metals and Superconductors. 1962 , 9, 59-61	36
2139	Thermodynamic Behavior of Liquid Helium-Three in Its Possible Superfluid Phase. I. <i>Physical Review</i> , 1962 , 125, 1484-1493	6
2138	Magnetic-Field Dependence of the Energy Gap in Superconductors. 1962 , 9, 374-375	7
2137	Theory of Superconductivity. I. Electron-Lattice Interaction. <i>Physical Review</i> , 1962 , 126, 2014-2020	13
2136	Specific Heats of Tin Alloys and Their Relation to the Superconducting Transition Temperature. <i>Physical Review</i> , 1962 , 126, 43-49	28
2135	Decay of an Electric Current in a Superconductor. <i>Physical Review</i> , 1962 , 128, 1530-1538	5

2134	Critical Fields of Thin Superconducting Films. I. Thickness Effects. <i>Physical Review</i> , 1962 , 127, 382-386	56
2133	Tunneling into Superconductors at Temperatures below 1°K. <i>Physical Review</i> , 1962 , 126, 941-948	179
2132	Lifetimes of Quasi-Particles and Phonons in a Superconductor at Zero Temperature. <i>Physical Review</i> , 1962 , 127, 371-382	39
2131	Nuclear Spin-Lattice Relaxation in Superconducting Aluminum. <i>Physical Review</i> , 1962 , 125, 159-163	79
2130	Orbital Paramagnetism and the Knight Shift of D-Band Superconductors. 1962 , 9, 262-266	172
2129	Energy Gap and Critical Field of Superconducting Molybdenum Obtained by Ultrasonic Measurements. 1962 , 9, 313-314	13
2128	Thermal Conductivity of Dilute Indium-Mercury Alloys. <i>Physical Review</i> , 1962 , 126, 919-922	5
2127	Superconducting Transition Temperature of Superimposed Films of Tin and Silver. 1962 , 9, 153-155	29
2126	Lifetime Effects in Condensed Helium-3. <i>Physical Review</i> , 1962 , 126, 1909-1918	92
2125	Liquid and Solid He3. 1962 , 34, 190-214	20
2124	Variational Method for the Quantum Statistics of Interacting Particles. 1962 , 3, 131-139	54
2123	Negative Surface Free-Energy Effects in Superconducting Niobium. 1962 , 9, 370-374	84
2122	Solid-State Physical Phenomena and Effects Part II. 1962 , 9, 19-32	2
2121	Flux Quantization and Time-Reversal Degeneracy. <i>Physical Review</i> , 1962 , 127, 1865-1867	9
2120	Energetic Stability of Persistent Currents in a Long Hollow Cylinder. <i>Physical Review</i> , 1962 , 128, 1697-1714	20
2119	Superconductivity Near Impurities. 1962 , 9, 63-65	10
2118	Theory of the Knight Shift in Superconductors. 1962 , 8, 367-370	22
2117	Phenomenological Theory of Superimposed Films of Normal and Superconducting Metals. 1962 , 9, 155-159	25

2116	Upper Limit for Quasi-Particle Recombination Time in a Superconductor. 1962 , 8, 204-207	51
2115	Thermodynamic Consistency of Critical Field and Specific Heat Data for Superconducting Sn and In. <i>Physical Review</i> , 1962 , 126, 2021-2029	24
2114	Theory of Superconductivity. II. Properties of the Modified Electron-Lattice States of Low Energy. <i>Physical Review</i> , 1962 , 128, 139-150	7
2113	Magnetic Shielding by Superconducting Films. 1962 , 33, 177-179	
2112	lD Pairing in Superconductors. 1962 , 8, 370-372	13
2111	Low-Temperature Specific Heat of Body-Centered Cubic Ti-V Alloys. <i>Physical Review</i> , 1962 , 126, 2030-2033	98
2110	Critical Fields and Currents in Superconductors. 1962 , 34, 667-681	336
2109	Superconductive Tunneling. 1962 , 8, 316-318	374
2108	Superconducting and Normal Specific Heats of Niobium. <i>Physical Review</i> , 1962 , 127, 1501-1507	41
2107	Asymptotic Expansion of the Bardeen-Cooper-Schrieffer Partition Function by Means of the Functional Method. 1962 , 3, 522-530	75
2106	On the energy gap in superconducting tin. 1962 , 268, 276-289	4
2105	Resistance transitions of thin superconducting films in magnetic fields. 1962 , 267, 231-243	14
2104	Thermal conductivity of tantalum and niobium below 1 °K. 1962 , 266, 429-439	26
2103	. 1962 , 9, 144-152	25
2102	Upper Limit for the Critical Field in Hard Superconductors. 1962 , 9, 266-267	1308
21 01	Spin Density Waves in an Electron Gas. <i>Physical Review</i> , 1962 , 128, 1437-1452	893
21 00	Thermal Conductivity of Normal and Superconducting Aluminum. <i>Physical Review</i> , 1962 , 125, 873-876	25
2099	Calculation of the Superconducting State Parameters with Retarded Electron-Phonon Interaction. <i>Physical Review</i> , 1962 , 125, 1263-1271	816

2098 Functional Derivative Techniques in the Theory of Superconductivity. <i>Physical Review</i> , 1962 , 126, 1251-1261	8
2097 The superconducting tunnel junction as an active device. 1962 , 9, 459-461	11
2096 Magnetic Field Dependence of the Energy Gap in Superconductors. <i>Physical Review</i> , 1962 , 128, 2622-2629	11
Lifetime of a Quasi-Particle in a Superconductor at Finite Temperatures and Application to the Problem of Thermal Conductivity. <i>Physical Review</i> , 1962 , 128, 12-20	51
2094 Tunneling Into Superconductors. 1962 , 9, 147-149	77
2093 Sur certaines propri ts des alliages supraconducteurs non magntiques. 1962 , 23, 707-716	52
2092 Superconductivity in antiferromagnets. 1962 , 1, 20-26	44
Theory of fermion systems with attractive interactions: exact solution of the bcs reduced hamiltonian. 1962 , 24, 788-813	7
2090 Spurious state in connection with Evibration of nuclei. 1962 , 26, 787-789	13
2089 Untersuchungen zur Supraleitung des Legierungssystems Zr-Rh. 1962 , 1, 67-77	7
2088 The mathematical structure of the bardeen-cooper-schrieffer model. 1962 , 25, 287-299	156
2087 The description of superfluid fermi systems with anisotropic features. 1962 , 23, 919-922	3
2086 Fermion-like treatments of fermion pairs. 1962 , 24, 301-315	2
Concept of Off-Diagonal Long-Range Order and the Quantum Phases of Liquid He and of Superconductors. 1962 , 34, 694-704	1090
2084 Green's functions for fermion systems with pairing correlations. 1962 , 20, 279-305	16
2083 Single-particle excitations and superfluidity in Fermi systems with arbitrary interaction. 1962 , 30, 239-257	39
2082 Die Quantisierung des magnetischen Flusses in Supraleitern. 1962 , 2, 1342-1353	1
2081 Superconductivity of cadmium isotopes. 1962 , 2, 356-358	9

2080 Specific heat of tantalum and tin near the superconducting critical temperature. 1962 , 19, 186-218	27
2079 New Tamm-DancoffDapproximation and superconductivity. 1962 , 30, 683-687	2
2078 The effect of collective excitations on the single particle spectra of nuclei. 1962 , 35, 363-369	11
2077 Collective E3 and E4 transitions in spherical nuclei and the effective charge. 1962 , 35, 382-392	16
2076 Effects of blocking on the level spacings of odd-mass deformed nuclei. 1962 , 37, 554-584	48
2075 Time-dependent Hartree-Fock equations and rotational states of nuclei. 1962 , 31, 211-230	341
2074 Calculation of the rotation gamma-vibration interaction in the rare-earth nuclei. 1962 , 38, 607-615	7
2073 Attenuation of longitudinal ultrasonic waves in aluminium at low temperatures. 1962 , 28, 330-342	8
2072 On collective excitations in superconductivity theory. 1962 , 28, 711-720	
2071 Superconductivity of transition elements. 1962 , 2, 275-276	22
2070 Effect of small impurities on the superconducting transition temperature. 1962 , 2, 235-236	1
	X .
2069 Zur quantisierung des magnetischen flusses in supraleitern. 1962 , 1, 222-223	2
Zur quantisierung des magnetischen flusses in supraleitern. 1962 , 1, 222-223 2068	2
2068 TO coupling in superconductors and the use of field quantization methods in the many body	
2068 To coupling in superconductors and the use of field quantization methods in the many body problem. 1962 , 1, 311-313	2
2068 To coupling in superconductors and the use of field quantization methods in the many body problem. 1962 , 1, 311-313 2067 Superconductivity in the CuAl2 (C16) crystal class. 1962 , 23, 405-406	28
2068	2 28 19

2062 Collective vibrations of spheroidal even nuclei. 1963 , 43, 438-471	69
2061 A method to describe pairing correlations of protons and neutrons. 1963 , 41, 640-659	54
2060 Tensor-force and spin-orbit coupling in the framework of the Hartree-Fock theory. 1963 , 46, 171-180	24
2059 Bergie d'un gaz de fermi attractif de faible densit[]1963, 46, 417-436	
2058 Boson-like behaviour of pairs of fermions (II). 1963, 42, 416-427	
2057 Hysteresis in superconducting phase transitions in tin films. 1963 , 3, 223-226	13
2056 Specific heat of lead between 0.3 and 4°K. 1963 , 3, 360-361	29
2055 Thermal conductivity of niobium-zirconium alloys at low temperatures. 1963 , 6, 36-38	2
On the influence of a uniform exchange field acting on the spins of the conduction electrons in a superconductor. 1963 , 24, 1029-1032	517
2053 The specific heat jump in superconducting lead. 1963 , 24, 1369-1373	23
2052 Spin ordering in the superconducting state. 1963 , 24, 475-477	10
2051 The effect of metallurgical variables on superconducting properties. 1963 , 12, 185-284	19
2050 Etude du nombre de particules dans l\(\text{lpproximation des quasi-particules.} \) 1963, 29, 428-440	5
2049 An electrodynamic approach to the electron-muon mass ratio. 1963 , 30, 378-384	10
2048 On the superfluid state of strongly-interacting fermions. 1963 , 30, 462-465	1
2047 Formal sum of pairing diagrams. 1963 , 28, 25-32	1
2046 A spurion model of the Eparticle. 1963 , 28, 132-164	5
2045 Superconductivity. 1963 , 35, 1-22	567

2044 Coherence length and penetration depth of dirty superconductors. 1963 , 1, 176-190	15
$_{2043}$ Some properties of dielectric constant and phonon frequency of a superconductor. 1963 , 28, 1146-1168	
2042 The phase transition of a superconductor. 1963 , 29, 1120-1125	
2041 The nuclear many-body problem using the boundary condition model. 1963 , 23, 439-468	32
2040 Nucleon correlations and nuclear level densities. 1963 , 42, 353-366	78
2039 Boson-like behaviour of pairs of fermions (I). 1963 , 42, 394-415	4
2038 Thermal conductivity of superconductors. 1963 , 29, 816-818	1
2037 Shape resonances in superconductors - II simplified theory. 1963 , 5, 6-9	96
2036 Infrateilchen in der Quantenfeldtheorie. 1963 , 11, 1-31	138
2035 Theorie der magnetoakustischen Effekte in Metallen (I). 1963 , 3, 1153-1200	22
2034 Ber die Abhligigkeit der Sprungtemperatur von der Isotopie supraleitender Elemente. 1963 , 50, 544-544	
2033 Corrections to the Pairing Interaction in Superconductivity. 1963 , 11, 326-328	8
2032 Superconductors with Plane Boundaries. <i>Physical Review</i> , 1963 , 132, 1576-1590	47
Gap Equation and Current Density for a Superconductor in a Slowly Varying Static Magnetic Field. 2031 <i>Physical Review</i> , 1963 , 132, 595-600	40
Multiphoton Process Observed in the Interaction of Microwave Fields with the Tunneling between Superconductor Films. <i>Physical Review</i> , 1963 , 129, 647-651	686
Critical Fields of Thin Superconducting Films. II. Mean Free Path Effects in Indium-Tin Alloy Films. Physical Review, 1963 , 130, 1808-1815	18
2028 Reference Spectrum Method for Nuclear Matter. <i>Physical Review</i> , 1963 , 129, 225-264	403
2027 Theory of a Local Superconductor in a Magnetic Field. <i>Physical Review</i> , 1963 , 132, 663-668	68

2026	Flux Creep in Hard Superconductors. <i>Physical Review</i> , 1963 , 131, 2486-2495	276
2025	Critical Current and Electron Depairing in Superconducting Films. <i>Physical Review</i> , 1963 , 131, 2457-2459	23
2024	Size Factor and Superconducting Properties of Some Transition Metal Solutions. <i>Physical Review</i> , 1963 , 130, 2177-2187	70
2023	Effect of Dissolved Gases on Some Superconducting Properties of Niobium. <i>Physical Review</i> , 1963 , 132, 107-121	239
2022	Broken Symmetries and Massless Particles. <i>Physical Review</i> , 1963 , 131, 2364-2372	74
2021	The Physics of High-Field Superconductors: New materials, used in lossless magnets at low temperatures, challenge scientific understanding. 1963 , 140, 26-35	18
2020	Dielectric Constant of a Superconductor. <i>Physical Review</i> , 1963 , 129, 2495-2503	53
2019	Isotope Effect in Superconductivity. 1963 , 11, 114-119	106
2018	Superconductivity with Pairs in a Relative p Wave. <i>Physical Review</i> , 1963 , 131, 1553-1564	603
2017	Shape Resonances in Superconducting Thin Films. 1963 , 10, 332-334	161
2016	The Electron-Phonon Interaction. 1963 , 221-298	137
2015	Spherical Nuclei with Simple Residual Forces. 1963 , 35, 853-915	1163
2014	High magnetic fields by means of superconductors. 1963 , 14, 749-758	14
2013	Conference on High Magnetic Fields, their Production and their Applications, Oxford, July 1963. 1963 , 14, 741-748	2
2012	Formulation of the Many-Body Problem for Composite Particles. 1963 , 4, 1096-1115	85
2011	Characteristics of the Penetration Depth of Superconducting Indium Alloys. <i>Physical Review</i> , 1963 , 129, 1952-1958	23
2010	Nuclear Many-Body Problem with Nonuniform Density. I. Theory. <i>Physical Review</i> , 1963 , 129, 880-888	8

2008	Ultrasonic Absorption by Superconducting Nb-Zr Alloys. <i>Physical Review</i> , 1963 , 132, 621-629	21
2007	Hyperfine Specific Heat of Uranium Metal. 1963 , 11, 547-549	31
2006	Reformulation of the Theory of Pairing Correlations. <i>Physical Review</i> , 1963 , 130, 1244-1252	74
2005	Theory of the Instrinsic Electronic Thermal Conductivity of Superconductors. <i>Physical Review</i> , 1963 , 129, 657-663	45
2004	Superconductivity in the Indium-Tin System. <i>Physical Review</i> , 1963 , 131, 637-643	66
2003	Energy-Gap Function in the Theory of Superconductivity. <i>Physical Review</i> , 1963 , 131, 73-78	16
2002	Limiting Critical Field in Thin Superconductors. <i>Physical Review</i> , 1963 , 130, 2253-2256	4
2001	Nuclear Superfluidity and Statistical Effects in Nuclear Fission. <i>Physical Review</i> , 1963 , 132, 2204-2211	40
2000	Niobium-Thorium Eutectic Alloy as a High-Field, High-Current Superconductor. 1963 , 34, 1771-1774	20
1999	High-Field Superconducting Properties of Ti-Mo Alloys. 1963 , 34, 270-276	14
	High-Field Superconducting Properties of Ti-Mo Alloys. 1963 , 34, 270-276 Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-242	
1998		
1998	Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-2423	2 ₅₄₁
1998	Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-2423. Superconductivity and Localized Magnetic States in Ti-Mn Alloys. <i>Physical Review</i> , 1963 , 132, 1486-1492	2 541 28
1998 1997 1996	Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-2425 Superconductivity and Localized Magnetic States in Ti-Mn Alloys. <i>Physical Review</i> , 1963 , 132, 1486-1492 Isotope Effect in Superconducting Osmium. <i>Physical Review</i> , 1963 , 131, 1105-1110 Anomalous Density of States in Thick Superconducting Lead Films. 1963 , 11, 154-156	2 541 28 25
1998 1997 1996 1995	Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-2422 Superconductivity and Localized Magnetic States in Ti-Mn Alloys. <i>Physical Review</i> , 1963 , 132, 1486-1492 Isotope Effect in Superconducting Osmium. <i>Physical Review</i> , 1963 , 131, 1105-1110 Anomalous Density of States in Thick Superconducting Lead Films. 1963 , 11, 154-156	2 541 28 25 11
1998 1997 1996 1995	Effect of Fluxoid Quantization on Transitions of Superconducting Films. <i>Physical Review</i> , 1963 , 129, 2413-242. Superconductivity and Localized Magnetic States in Ti-Mn Alloys. <i>Physical Review</i> , 1963 , 132, 1486-1492 Isotope Effect in Superconducting Osmium. <i>Physical Review</i> , 1963 , 131, 1105-1110 Anomalous Density of States in Thick Superconducting Lead Films. 1963 , 11, 154-156 Specific Heats of Zirconium Alloys at Low Temperatures. <i>Physical Review</i> , 1963 , 131, 2425-2432	2 541 28 25 11

1990	Ultrasonic Determination of the Superconducting Energy Gap in Vanadium. <i>Physical Review</i> , 1963 , 132, 1062-1072	17
1989	Ultrasonic Attenuation of Transverse Waves in V, Nb, and Ta for ql. <i>Physical Review</i> , 1963 , 132, 2039-2046	27
1988	Pair Correlations in Superconducting Tantalum. 1963 , 11, 156-157	8
1987	Adiabatic Approximations and Superconductivity Theories. <i>Physical Review</i> , 1963 , 129, 551-553	6
1986	Statistical Behavior of Finite Isolated Superfluids. 1963 , 11, 19-21	6
1985	Specific Heats of Transition Metal Superconductors. <i>Physical Review</i> , 1963 , 129, 1115-1120	329
1984	Position-Dependent Superconductivity. <i>Physical Review</i> , 1963 , 132, 2490-2500	4
1983	Ultrasonic Attenuation in Superconductors for ql. <i>Physical Review</i> , 1963 , 131, 1497-1500	29
1982	Fluxoid Quantization, Pair Symmetry, and the Gap Energy in the Current-Carrying Bardeen-Cooper-Schrieffer State. <i>Physical Review</i> , 1963 , 132, 14-20	5
1981	Analytic Properties of the Partition Function near the Normal-to-Superconducting Phase Transition. <i>Physical Review</i> , 1963 , 132, 958-960	3
1980	Fluctuation Compressibility Theorem and Its Application to the Pairing Model. <i>Physical Review</i> , 1963 , 129, 1896-1900	8
1979	Susceptibilities and Critical Fields of Superconducting Films. <i>Physical Review</i> , 1963 , 132, 1934-1945	7
1978	Theory of Phonon-Assisted Tunneling in Superconductors. <i>Physical Review</i> , 1963 , 132, 2484-2489	9
1977	Asymptotic Form of the Proper Self-Energy Function in Many-Particle Systems. 1963 , 4, 634-636	1
1976	Generalized Hartree-Fock Approximation for the Calculation of Collective States of a Finite Many-Particle System. <i>Physical Review</i> , 1963 , 132, 1326-1342	114
1975	Superconductivity at High Magnetic Fields. <i>Physical Review</i> , 1963 , 131, 140-157	195
1974	Thermal Conductivity and Electron Scattering at Interphase Boundaries in a Superconductor. 1963 , 10, 225-227	18
1973	Formulation of the Quantum-Mechanical Many-Body Problem in Terms of One- and Two-Particle Functions. <i>Physical Review</i> , 1963 , 132, 936-947	33

1972	Ultrasonic Determination of the Superconducting Energy Gap in Tantalum. <i>Physical Review</i> , 1963 , 132, 1073-1080	10
1971	Superconductivity in the Mercury-Indium Alloy System. <i>Physical Review</i> , 1963 , 130, 1719-1726	38
1970	Superconductivity and ferromagnetism. 1963 , 16, 21-24	8
1969	Developments of concepts in superconductivity. 1963 , 16, 19-28	16
1968	Pairing correlations in finite systems II. Simplified wave functions and moments of inertia of nuclei. 1964 , 84, 111-123	5
1967	The critical magnetic field of a superconductor. 1964 , 83, 311-320	3
1966	Pairing correlations in finite systems. 1964 , 83, 335-353	7
1965	Superconducting magnet coils for thermonuclear research. 1964 , 4, 185-192	3
1964	The Ginzburg-Landau equations for pure two band superconductors. 1964 , 84, 573-584	49
1963	Type II Superconductivity. 1964 , 36, 19-26	22
1962	Theoretical Calculations of Properties of Rare-Earth Alpha Emitters. <i>Physical Review</i> , 1964 , 134, B1196-B1200	20
1961	Comparisons of BCS Nuclear Wave Functions with Exact Solutions. <i>Physical Review</i> , 1964 , 135, B1295-B1301	34
1960	Energy Gap in Finite Nuclei Calculated in the Slab Model. 1964 , 12, 36-39	30
1959	Critical Fields and Hysteresis Effects in Tin Films. 1964 , 36, 317-320	13
1958	Bulk Absorption of Radiation in Superconductors. <i>Physical Review</i> , 1964 , 135, A299-A305	2
1957	Effect of Impurities on the Critical Temperature of Superconductors. <i>Physical Review</i> , 1964 , 136, A1167-A1170	20
1956	Millimeter-Microwave Studies of Energy-Gap Anisotropy in Superconductors. <i>Physical Review</i> , 1964 , 136, A1471-A1480	41
1955	Ultrasonic Determination of the Superconducting Energy Gap in Thallium. <i>Physical Review</i> , 1964 , 135, A1161-A1165	15

1954	Nuclear Magnetic Resonance and Relaxation in Superconducting Vanadium. 1964 , 36, 177-185	50
1953	Ultrasonic Measurements in Normal and Superconducting Niobium. <i>Physical Review</i> , 1964 , 133, A1487-A1492	29
1952	Magnetic-Field Dependence of Microwave Absorption and Energy Gap in Superconducting Films. <i>Physical Review</i> , 1964 , 136, A203-A217	19
1951	Electron Tunneling into Superconducting Mercury Films. <i>Physical Review</i> , 1964 , 135, A306-A316	44
1950	Magnetic Properties of Superconducting Films. <i>Physical Review</i> , 1964 , 136, A928-A937	4
1949	Superconductivity in Indium Antimonide. <i>Physical Review</i> , 1964 , 134, A21-A23	12
1948	Critical Field and Specific Heat of Strong Coupling Superconductors. <i>Physical Review</i> , 1964 , 135, A1481-A1497	49
1947	Surface Impedance of Superconductors. 1964 , 36, 187-193	7
1946	Type II or London Superconductors. 1964 , 36, 12-19	44
1945	Anomalous Band Gap in Superconducting Nb3Sn. 1964 , 36, 213-215	19
1944	Spin Diffusion in Gases at Low Temperatures. <i>Physical Review</i> , 1964 , 133, A661-A664	25
1943	Simple Model for the Superconductivity of Lanthanum and Uranium. <i>Physical Review</i> , 1964 , 134, A15-A21	36
1942	Far Infrared Absorption in Superconducting Lead Alloys. <i>Physical Review</i> , 1964 , 133, A362-A370	47
1941	Ultrasonic Attenuation in Superconductors Containing Magnetic Impurities. <i>Physical Review</i> , 1964 , 136, A1170-A1180	109
1940	Energy Gap Measurements by Tunneling Between Superconducting Films. I. Temperature Dependence. <i>Physical Review</i> , 1964 , 135, A19-A23	43
1939	Tunneling between Superconductors. 1964 , 36, 199-200	7
1938	Critical Current and Field in Nonideal Superconductors. 1964 , 36, 98-102	10
1937	Flux Quantization and Persistent Currents. 1964 , 36, 277-280	8

1936	Anisotropy of the Energy Gap in Niobium from Ultrasonic Measurements. 1964 , 36, 257-260	36
1935	Temperature Dependence of the Critical Fields of Thin Superconducting Films. 1964 , 36, 308-312	11
1934	Ultrasonic Determination of the Superconducting Energy Gap in In2Bi. 1964 , 35, 3322-3324	5
1933	Variational Principle of Gibbs and Bogolubov. 1964 , 41, 2945-2946	6
1932	Temperature Dependence of the Critical Current of Tantalum and Indium-Tin Alloy Films. 1964 , 36, 302-305	3
1931	The Electronic Band Structure of V3Si and V3Ga. 1964 , 36, 175-177	169
1930	Thermodynamic Properties of a High-Field Superconductor. 1964 , 36, 124-127	17
1929	Analysis and performance of superconductive coaxial transmission lines. 1964 , 52, 1147-1154	14
1928	Vapor-Deposited Superconductive Films of Nb, Ta, and V. 1964 , 35, 547-553	41
1927	Ultrasonic Shear Wave Attenuation in Superconducting Tin. <i>Physical Review</i> , 1964 , 133, A84-A96	38
1926	Conservation of Particle Number in the Nuclear Pairing Model. <i>Physical Review</i> , 1964 , 135, B22-B34	170
1925	Possibility of One-Dimensional Superconductivity. 1964 , 13, 330-332	87
1924	Variational Method for Classical Statistical Mechanics. 1964 , 40, 899-900	14
1923	Evaluation of High-Frequency Ultrasonic Attenuation in Superconductors in the Bardeen-Cooper-Schrieffer Theory of Superconductivity. <i>Physical Review</i> , 1964 , 136, A1535-A1538	74
1922	Weak Time Dependence in Pure Superconductors. 1964 , 13, 797-800	37
1921	Evaluation of the Ginzburg-Landau-Abrikosov-Gor'kov Parameters from a Nonlocal, Nonlinear Theoretical Model. <i>Physical Review</i> , 1964 , 133, A1218-A1221	2
1920	Microwave Magnetoimpedance of Superconducting Tin. <i>Physical Review</i> , 1964 , 134, A1-A9	13
1919	Coherent Pairing of the Second kind for Strongly Interacting Fermions. 1964 , 12, 664-666	26

1918	Separation of Motions of Many-Body Systems into Dynamically Independent Parts by Projection onto Equilibrium Varieties in Phase Space. II. <i>Physical Review</i> , 1964 , 133, A332-A350	6
1917	Far-Infrared Absorption in Superconducting Lanthanum. <i>Physical Review</i> , 1964 , 134, A309-A311	22
1916	High-Magnetic-Field Specific Heat of a Low-Dislocation-Density Alloy Superconductor. <i>Physical Review</i> , 1964 , 133, A719-A723	29
1915	Study of the Attenuation of Ultrasonic Shear Waves in Superconducting Aluminum. <i>Physical Review</i> , 1964 , 136, A893-A905	45
1914	Current Fluctuations in a Superconducting Circuit Carrying a Circulating Current. <i>Physical Review</i> , 1964 , 135, A1-A3	
1913	Energy Gap in Nuclear Matter. II. BCS Theory. <i>Physical Review</i> , 1964 , 133, B1131-B1137	35
1912	Interaction of Transverse Acoustic Waves [?聲<♬(0)] with Real Fermi Surfaces in Superconductors. <i>Physical Review</i> , 1964 , 136, A22-A34	33
1911	Magnetization of Superconducting Nb-25%Zr Wire. <i>Physical Review</i> , 1964 , 136, A335-A345	221
1910	Interpretation of Knight Shifts and Susceptibilities of Transition Metals: Platinum. <i>Physical Review</i> , 1964 , 134, A650-A661	321
1909	Energy Gap Measurements by Tunneling between Superconducting Films. II. Magnetic Field Dependence. <i>Physical Review</i> , 1964 , 135, A24-A33	35
1908	Calorimetric Investigation of Localized Magnetic Moments and Superconductivity in Some Alloys of Titanium with Manganese and Cobalt. <i>Physical Review</i> , 1964 , 135, A1151-A1160	22
1907	Multi-Particle Tunneling between Superconductors. 1964 , 36, 211-213	23
1906	Orbital Paramagnetism and the Knight Shift in Transition Metal Superconductors. 1964 , 36, 170-175	8o
1905	Magnetic and Thermal Properties of Second-Kind Superconductors. I. Magnetization Curves. 1964 , 36, 105-109	60
1904	Concept of an "Inner Field" in the Theory of Superconductivity. 1964 , 36, 247-251	
1903	On the Integrodifferential Equations of the Nonlocal Theory of Superconductivity. 1964 , 5, 1168-1182	5
1902	The Existence of a Superconducting State in Semiconductors. 1964 , 36, 240-243	51
1901	Short-Range Spin Susceptibility of Superconductors. 1964 , 36, 157-159	1

1900 Superconductivity in the NbMo System. 1964 , 36, 149-152	23
1899 Green functions in low-energy nuclear physics. 1964 , 27, 53-91	34
1898 Harte Supraleiter. 1964 , 51, 180-186	1
1897 On the Ginzburg-Landau equations. 1964 , 16, 373-384	15
1896 Change of energy gap with a magnetic field in superconducting films. 1964 , 8, 230	0-231 9
1895 Oscillations in ultrasonic attenuation by superconducting tin. 1964 , 8, 160-162	2
1894 Elektronentheorie der Bergangsmetalle. 1964 , 12, 1-137	1
1893 Der Tunneleffekt bei Supraleitern. 1964 , 7, 3-20	1
1892 Low temperature specific heat of B.C.C. alloys of 3d transition elements and alum	ninum. 1964 , 25, 993-1003 51
1891 The penetration depth in several hard superconductors. 1964 , 25, 535-542	20
1890 Etude de la structure electronique des carbures de thorium, d'uranium et de pluto	onium. 1964 , 25, 559-565 30
Interpretation of isomer ratios in nuclear reactions with Fermi-gas and supercond 1964 , 60, 70-96	luctor models. 86
1888 The nuclear energy gap and fluctuations in particle number in pairing wave function	ions. 1964 , 55, 97-112 28
$_{ m 1887}$ Influence of pairing correlations on nuclear level densities. 1964 , 51, 41-49	16
1886 A generalized susceptibility and Hartree-Fock approach to the many-body probler	m. 1964 , 57, 303-318 5
1885 Superfluidity in Fermi systems especially in atomic nuclei. 1964 , 57, 579-592	
1884 Nuclear structure calculations for the 21/12+ (1/10+ decays of Rb86 and Rb84. 1964 , 5	58, 209-240 17
Calcul des effets des corrlations de paires sur les transitions E1 dans les noyaux de de la rgion des terres rares. 1964 , 58, 593-600	le masse impaire 19

1882 Response functions, superconductivity and ferromagnetism in the many fermion system. **1964**, 30, 1689-1712 $_2$

1881 On the Hartree-Fock solution in field theory. 1964, 30, 49-58	5
On the valence and volume dependence of the superconducting transition temperature of tin alloys. 1964 , 13, 278-280	8
1879 On the angular anisotropy of fission fragments. 1964, 9, 248-249	
The effective mass of the conduction electrons in metals and the theory of superconductivity. 1964 , 11, 199-201	3
1877 On surface superconductivity. 1964 , 13, 101-102	214
1876 Charge symmetric pairing correlations in light nuclei. 1964 , 13, 144-145	2
1875 Broken symmetries and the electron-muon problem. 1964 , 34, 946-955	14
1874 Pairing correlation in the nuclear surface layer. 1964 , 17, 229-239	5
$_{f 1873}$ The ground state energy of odd fermion systems. 1964 , 17, 241-251	2
Derivation of the Ginzburg-Landau Theory for a Local Superconductor. 1964 , 33, 1446-1461	4
$_{f 1}871$ Inequivalent representations and superconductivity. 1964 , 33, 372-396	6
1870 Spezifische Wilme im Cr-Re-System Antiferromagnetismus und Supraleitung. 1964 , 2, 377-396	15
1869 Thermische Ausdehnung von Metallen bei tiefen Temperaturen. 1964 , 2, 294-333	13
Spezifische Wilme und magnetische Suszeptibilitil supraleitender, binfler komplexer Phasen von Bergangsmetallen. 1964 , 2, 210-240	33
1867 Reduction of the N-Particle Variational Problem. 1964 , 5, 1756-1776	416
Stationary Entropy Principle and Renormalization in Normal and Superfluid Systems. II. Diagrammatic Formulation. 1964 , 5, 31-59	211
Perturbation Expansions and Functional Integrals in the Theory of Superconductivity. <i>Physical Review</i> , 1964 , 134, A553-A565	36

1864	Exact eigenstates of the pairing-force Hamiltonian. 1964 , 52, 221-238	358
1863	Pairing models of Pb206, Pb204 and Pb202. 1964 , 52, 253-268	96
1862	Theories of liquid helium three. 1964 , 28, 1-17	35
1861	Self-energy of the bogoliubov quasi particle. 1964 , 28, 400-429	9
1860	One-Dimensional Electron-Phonon Model. <i>Physical Review</i> , 1964 , 136, A1582-A1598	39
1859	The Representation of Canonical Variables as the Limit of Infinite Space Volume: The Case of the BCS Model. 1964 , 5, 1078-1090	14
1858	Properties of Superconducting Alloys Containing Paramagnetic Impurities. <i>Physical Review</i> , 1964 , 136, A1500-A1518	406
1857	Fluxoid Quantization in a Multiply-Connected Superconductor. <i>Physical Review</i> , 1964 , 133, A97-A103	218
1856	Low-Temperature Heat Capacities of Gallium, Cadmium, and Copper. <i>Physical Review</i> , 1964 , 134, A385-A391	109
1855	Superconductivity. 1964 , 144, 373-81	26
1854	Spectroscopy of Solids in the Far-Infrared: Studies of superconductors, magnetic materials, and ferroelectrics in this spectral region are rewarding. 1964 , 145, 240-7	11
1853	Quantized Magnetic Flux in Superconductors: Experiments confirm Fritz London's early concept	
	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35	13
1852	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35 Viscous Flow of Flux in Type-ii Superconductors. 1964 , 13, 804-807	13
1852 1851	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35	
1851	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35 Viscous Flow of Flux in Type-ii Superconductors. 1964 , 13, 804-807 Correlation Effects in Atomic Structure Using the Random-Phase Approximation. <i>Physical Review</i> ,	126
1851 1850	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35 Viscous Flow of Flux in Type-ii Superconductors. 1964 , 13, 804-807 Correlation Effects in Atomic Structure Using the Random-Phase Approximation. <i>Physical Review</i> , 1964 , 133, A632-A646	126
1851 1850 1849	that superconductivity is a macroscopic quantum phenomenon. 1964 , 146, 1429-35 Viscous Flow of Flux in Type-ii Superconductors. 1964 , 13, 804-807 Correlation Effects in Atomic Structure Using the Random-Phase Approximation. <i>Physical Review</i> , 1964 , 133, A632-A646 . 1964 , 52, 1138-1147	126 134 46

1846	Consequences of Fluxoid Quantization in the Transitions of Superconducting Films. 1964 , 36, 268-276	62
1845	Does Superconductivity Imply Flux Quantization?. 1964 , 36, 280-284	1
1844	Spatial Dependence of Pair Correlation Functions in Nonhomogeneous Superconductors. 1964 , 36, 251-253	2
1843	Improved Superconductivity Approximation for the Pairing Interaction in Nuclei. <i>Physical Review</i> , 1964 , 134, B313-B321	236
1842	Energy Gap in Nuclear Matter. I. Extended Theory. <i>Physical Review</i> , 1964 , 133, B1118-B1131	36
1841	Finite Superconductors and their Infinite Volume Limit. <i>Physical Review</i> , 1964 , 135, A1172-A1174	5
1840	Free-Energy Difference Between Normal and Superconducting States. <i>Physical Review</i> , 1964 , 136, A1485-A14	87 55
1839	Two-Dimensional Ising Model as a Soluble Problem of Many Fermions. 1964 , 36, 856-871	668
1838	Long-Range Correlations in Superconductivity. 1964 , 36, 264-268	8
1837	Superconductivity in Many-Valley Semiconductors and in Semimetals. <i>Physical Review</i> , 1964 , 134, A511-A521	219
1836	The surface impedance of superconductors. 1964 , 13, 1-88	77
1835	Magnetic Susceptibility of a Thin Superconducting Film. <i>Physical Review</i> , 1964 , 135, A564-A567	1
1834	Possibility of Synthesizing an Organic Superconductor. <i>Physical Review</i> , 1964 , 134, A1416-A1424	1070
1833	Chapter III The Superconducting Energy Gap. 1964 , 97-193	29
1832	Off-Diagonal Long-Range Order and Generalized Bose Condensation. 1965 , 6, 1083-1098	27
1831	Bosons and Fermions. 1965 , 6, 1031-1034	6
1830	Coupling between the energy gap and single particle energy. 1965 , 35, 42-52	3
1829	On the equivalence of the phenomena of the Meissner Effect and infinite conductivity in superconductors. 1965 , 33, 275-307	20

1828 Nuclear pairing force and superconductivity wave functions. 1965 , 31, 525-547	17
1827 Les supraconducteurs de la deuxieme espece du systeme plomb-thallium. 1965 , 26, 1143-1155	43
1826 Superconducting state parameters in dilute alloys. 1965 , 26, 653-657	2
$_{ m 1825}$ Role of the ion core in the mechanism of superconductivity. 1965 , 26, 223-232	12
1824 Shape resonances in superconducting cylinders. 1965 , 26, 1053-1060	2
1823 Quasi-particle interactions in even spherical nuclei. 1965 , 65, 497-519	61
1822 Absolute E1 transition probabilities in the deformed nuclei Yb177 and Hf179. 1965 , 62, 37-48	13
1821 Nuclear deformations in the pairing-plus-quadrupole model. 1965 , 62, 113-132	137
1820 Shell-model description of the excitation of heavy nuclei by inelastic electron scattering. 1965 , 66, 1-16	7
1819 Vibrational states of odd-mass nuclei by the quasi-particle method. 1965 , 68, 49-85	12
1818 Quasi-particle and collective structure of the states of even, strongly-deformed nuclei. 1965 , 69, 1-36	86
1817 Generalized Hartree-Fock method and rotational states. 1965 , 67, 481-503	30
1816 Nuclear structure and pairing correlations for the heavy elements. 1965 , 64, 353-378	40
$_{ m 1815}$ Validity of many-body approximation methods for a solvable model. 1965 , 62, 188-198	1086
1814 On the behaviour of very thin superconducting films. 1965 , 16, 98-99	2
1813 Simple model calculations on possible organic superconductors. 1965 , 18, 257-258	25
1812 Effective interaction in C14. 1965 , 14, 144-146	2
1811 Energy gap in a cubical model for nuclei. 1965 , 14, 146-149	3

1810 Surface states and high-temperature surface superconductivity. 1965 , 19, 93-94	2
1809 On the possible significance of relative angular momentum pairing in superconductors. 1965 , 16, 217-218	1
1808 Specific heat of type II superconductors. 1965 , 15, 23-24	11
1807 Phonon density states in lead. 1965 , 3, 101-103	20
1806 On the validity of the electron pair approximation for the Beryllium ground state. 1965 , 3, 241-253	44
1805 Zum gegenwittigen Stand der Theorie der Supraleitung. 1965 , 8, 639-648	
1804 Theory of Superconductivity of Electron System Containing Singlet and Triplet Pairs. 1965 , 9, 267-280	7
1803 Philomenologische Theorien der Supraleiter zweiten Typs und ihre Gltigkeitsgrenzen. 1965 , 9, 295-321	1
1802 The Effect of Exchange-Coupled Magnetic Ions on Superconductivity. 1965 , 10, 113-119	2
1801 The Bootstrap Approach to Strong Interaction Symmetries. 1965 , 13, 533-556	1
1800 On the renormalization of the one-particle energies in a superfluid fermi system. 1965 , 37, 831-841	
On the unitarily inequivalent representations in the quantum field theory and the many body problem. 1965 , 19, 29-44	2
1798 A superconductive model with two kinetic energies. 1965 , 18, 221-231	1
1797 Treatment of pairing correlations without violation of conservation laws. 1965 , 40, 1224-1227	17
1796 Critical conditions for second-order transitions in superconducting cylinders. 1965 , 35, 811-822	13
1795 The length scale in quantum electrodynamics without a bare mass. 1965 , 38, 783-795	3
1794 A study of the Bardeen-Cooper-Schrieffer distribution. 1965 , 36, 773-787	
Freie Weglfigen im supraleitenden Zustand, im normalen Zustand und im Zwischenzustand. 1965 , 3, 292-304	2

1792	Excitations lectroniques dans les supraconducteurs purs de 2fhe esple. 1965 , 3, 380-401	36
1791	On the grand partition function of a superconducting Fermi system. 1965 , 63, 113-125	
1790	Quantum theory of many-body systems. 1965 , 28, 201-247	26
1789	Antiferromagnetic Structure of AlCr2. 1965 , 43, 222-225	17
1788	Limiting Magnetic Fields for High-Field Superconductivity. 1965 , 36, 1295-1298	7
1787	Superconducting Penetration Depth of Niobium. <i>Physical Review</i> , 1965 , 139, A1515-A1522	111
1786	Nonlinear Reactance of Superconducting Films. <i>Physical Review</i> , 1965 , 137, A527-A536	40
1785	The Number Problem in Bardeen-Cooper-Schrieffer and Random-Phase-Approximation Nuclear Calculations. <i>Physical Review</i> , 1965 , 137, B1455-B1465	24
1784	Statistical Mechanics of an Assembly of Quasiparticles. <i>Physical Review</i> , 1965 , 140, A1139-A1140	8
1783	Energy-GAP Anisotropy in In-Doped Sn. 1965 , 15, 862-864	17
1782	Treatment of Neutron-Proton Pairing Correlations. <i>Physical Review</i> , 1965 , 138, B303-B305	4
1781	Mixed-State Paramagnetism in High-Field Type-II Superconductors. 1965 , 15, 865-868	28
1780	New Relationship Between the Critical Field and Energy Gap of a Superconductor. 1965 , 15, 462-463	45
1779	Generalized Self-Consistent-Field Theory: Gor'kov Factorization. <i>Physical Review</i> , 1965 , 137, A497-A507	3
1778	Exact Solutions of the Superconducting Surface Sheath. <i>Physical Review</i> , 1965 , 140, A1937-A1944	72
1777	Self-Consistent Perturbation of Hartree-Fock-Bogoliubov Equations and Nuclear Rotational Spectra. I. <i>Physical Review</i> , 1965 , 139, B770-B789	60
1776	Solution of the Gap Equation for Pb, Hg, and Al. 1965 , 14, 106-108	100
1775	Spin-Orbit Coupling and the Knight Shift in Nontransition-Metal Superconductors. <i>Physical Review</i> , 1965 , 139, A1536-A1551	36

(1965-1965)

1774	Review, 1965 , 138, A1661-A1668	43
1773	Pressure Dependence of the Superconducting Transition Temperature of Uranium. <i>Physical Review</i> , 1965 , 140, A1620-A1623	26
1772	Gapless High-Current Superconductivity. <i>Physical Review</i> , 1965 , 140, A1952-A1956	9
1771	Effect of Electron Mean Free Path on the Critical Temperature of Superconductors. <i>Physical Review</i> , 1965 , 138, A1409-A1411	21
1770	Theory of the Linear Heisenberg Antiferromagnet. Application to Paramagnetic Excitations in Organic Crystals. 1965 , 43, 1121-1140	96
1769	Energy Bands for V3X Compounds. <i>Physical Review</i> , 1965 , 138, A112-A128	134
1768	Possibility of Phonon-Induced Superconductivity. 1965 , 14, 784-786	
1767	Gauge-Invariant Hamiltonian of Superconductivity and the Flux Quantization. 1965 , 14, 557-558	3
1766	Evidence for Two Energy Gaps in High-Purity Superconducting Nb, Ta, and V. 1965 , 14, 1025-1027	134
1765	Flux Quantization and Generalized Pairing in Superconducting Cylinders. <i>Physical Review</i> , 1965 , 137, A829-A841	6
1764	Influence of a Magnetic Field on Tunneling from a Type-II Alloy Superconductor. <i>Physical Review</i> , 1965 , 139, A746-A757	12
1763	Effects of Dislocations on the Superconducting Transition Temperature of Aluminum and Aluminum Alloys. <i>Physical Review</i> , 1965 , 137, A112-A118	13
1762	Electron Contribution to the Temperature Dependence of the Elastic Constants of Cubic Metals. II. Superconducting Metals. <i>Physical Review</i> , 1965 , 137, A1404-A1409	4
1761	Resonance Scattering in Impure Superconductors. <i>Physical Review</i> , 1965 , 140, A899-A905	66
1760	Vortices in an Imperfect Bose Gas. III. Scattering of Single-Particle Excitations. <i>Physical Review</i> , 1965 , 140, A452-A460	15
1759	High-Field Superconductivity of Carbides. <i>Physical Review</i> , 1965 , 138, A1170-A1173	38
1758	Dependence of Superconducting Energy Gap on Transport Current by the Method of Electron Tunneling. 1965 , 15, 154-156	14
1757	"Seniority-Zero" Excited States of the Pairing Hamiltonian. <i>Physical Review</i> , 1965 , 138, B326-B333	18

1756	Lead Phonon Spectrum Calculated from Superconducting Density of States. 1965 , 14, 108-112	390
1755	Implications of Unstable Collective Modes for the Nuclear-Matter Ground State. <i>Physical Review</i> , 1965 , 139, B17-B23	2
1754	Theory of the Anisotropic Energy Gap in Superconducting Lead. <i>Physical Review</i> , 1965 , 140, A1902-A1920	110
1753	Dependence of the Critical Currents in Superconducting Films on Applied Magnetic Field and Temperature. <i>Physical Review</i> , 1965 , 140, A1568-A1580	16
1752	Superconducting and Normal State Properties of Dilute Indium-Tin Alloys: Bulk and Thin Film. <i>Physical Review</i> , 1965 , 138, A1145-A1154	33
1751	Tunneling into Dirty Superconductors Near their Upper Critical Fields. <i>Physical Review</i> , 1965 , 138, A746-A752	39
1750	Spin Susceptibility of a Superfluid Fermi Liquid. 1965 , 14, 536-537	26
1749	Effect of Magnetic Impurities on the Density of States of Superconductors. <i>Physical Review</i> , 1965 , 137, A557-A564	146
1748	Attenuation of Longitudinal Ultrasound in Superconducting Lead. <i>Physical Review</i> , 1965 , 138, A1453-A1460	33
1747	Solute Size and Valence Effect in Some Superconducting Alloys of Transition Elements. <i>Physical Review</i> , 1965 , 140, A914-A919	25
1746	Critical-Field Study of Superconducting Aluminum. <i>Physical Review</i> , 1965 , 138, A1428-A1433	18
1745	Influence of Spin Paramagnetism on Superconductivity. <i>Physical Review</i> , 1965 , 137, A75-A77	1
1744	Time- and Position-Dependent Superconductivity. <i>Physical Review</i> , 1965 , 137, A161-A163	4
1743	Critical Currents in Superconducting Films of Indium. <i>Physical Review</i> , 1965 , 139, A1482-A1488	20
1742	Off-Diagonal Long-Range Order and Persistent Currents in a Hollow Cylinder. <i>Physical Review</i> , 1965 , 137, A787-A795	127
1741	Phonon Effects on Nuclear Spin Relaxation in Superconductors. 1965 , 14, 561-564	67
1740	High-Current Superconductivity?. <i>Physical Review</i> , 1965 , 138, A1421-A1427	6
1739	Dielectric and Organic Superconducting Waveguide, Resonator, and Antenna Models of Insects Sensory Organs. 1965 , 4, 1350	3

1738	Transport effects in semi-metals and narrow-gap semiconductors. 1965 , 14, 273-326	20
1737	Tunneling Measurements of Phonon Spectra and Density of States in Superconductors. <i>Physical Review</i> , 1965 , 137, A907-A916	77
1736	On the broken symmetry and possibility of « Superforbidden » processes. 1965 , 39, 486-493	
1735	On the grand partition function of a superconducting fermi system. 1965 , 39, 113-125	
1734	Criteria for the Best Bogoliubov Quasiparticle. <i>Physical Review</i> , 1965 , 140, A825-A829	12
1733	Low-Temperature Heat Capacities of Indium and Tin. <i>Physical Review</i> , 1965 , 137, A748-A759	102
1732	Strong-Coupling Superconductor at Nonzero Temperature. 1965 , 14, 102-105	73
1731	Transport Equations for Superconductors. <i>Physical Review</i> , 1965 , 139, A197-A205	44
1730	Electronic Band Structure of TiC, TiN, and TiO. <i>Physical Review</i> , 1965 , 137, A1927-A1936	315
1729	Transposition of the Theories Describing Superconducting Systems to Molecular Systems. Method of Biorbitals. 1965 , 43, 2670-2679	70
1728	TEMPERATURE DEPENDENCE OF THE SUPERCONDUCTING ENERGY GAP OF THALLIUM FILMS DETERMINED BY ELECTRON TUNNELING. 1965 , 6, 2-3	2
1727	GORKOV'S ANSATZ IN SUPERCONDUCTIVITY THEORY. 1965 , 43, 2142-2149	16
1726	Superconducting Properties of Tin, Indium, and Mercury below 1° K. <i>Physical Review</i> , 1965 , 140, A507-A518	90
1725	Collective vibrations in nuclei. 1965 , 28, 113-167	27
1724	Superconductivity in Pure La and La-Gd. <i>Physical Review</i> , 1965 , 137, A550-A556	85
1723	Spherical Impurity in an Infinite Superconductor. <i>Physical Review</i> , 1965 , 140, A1921-A1936	47
1722	Self-Consistent Treatment of Kondo's Effect in Dilute Alloys. <i>Physical Review</i> , 1965 , 138, A1112-A1120	421
1721	A STUDY OF SUPERCONDUCTIVITY IN LEAD B ISMUTH ALLOYS USING ELECTRON TUNNELING TECHNIQUES. 1965 , 43, 594-604	29

1720	Observations on microstructure and superconductivity in the Nb-H system. 1965 , 8, 99-113	24
1719	Ultrasonic attenuation in superconductors. 1966 , 292, 299-313	24
1718	The thermal and electrical resistance of tin in the intermediate state. 1966 , 289, 377-401	7
1717	Time Variation of the Ginzburg-Landau Order Parameter. <i>Physical Review</i> , 1966 , 152, 416-432	275
1716	Antiferromagnetism in Chromium Alloys. I. Neutron Diffraction. <i>Physical Review</i> , 1966 , 151, 405-413	253
1715	Effect of Ferromagnetic Spin Correlations on Superconductivity. 1966 , 17, 433-435	795
1714	Rules for the Energy Gap and Critical Field of Superconductors. <i>Physical Review</i> , 1966 , 149, 368-370	41
1713	Superconductivity of Beta-uranium. 1966 , 151, 985-6	22
1712	Critical Magnetic Field and Transition Temperature of Synthetic High-Field Superconductors. <i>Physical Review</i> , 1966 , 148, 223-230	67
1711	Theory of Superfluidity. <i>Physical Review</i> , 1966 , 151, 105-112	62
1710	The electronic structure of transition metal-interstitial atom alloy superconductors. 1966 , 11, 127-134	6
1709	Type II superconductors. 1966 , 29, 445-487	73
1708	Ultrasonic studies of solids. 1966 , 3, 116-124	2
1707	Temperature Variation of the Ginzburg-Landau Parameter in Niobium Single Crystals. 1966 , 37, 2191-2192	8
1706	Ultrasonic Observation of Magnetization and Flux Jumping in a Superconducting Nb-Zr Alloy. 1966 , 37, 925-926	4
1705	Strong-Coupling Superconductivity. I. <i>Physical Review</i> , 1966 , 148, 263-279	390
1704	Supraconductivit©sans Bande Interdite d'Alliages Bales©en Champ MagnEique. 1966 , 15, 417-490	19
1703	Magnetization and Critical Fields of Superconducting SrTiO3. <i>Physical Review</i> , 1966 , 148, 280-286	59

[1966-1966]

Low-Temperature Thermodynamic Properties of Vanadium. I. Superconducting and Normal States. Physical Review, 1966 , 149, 209-216	98
1701 Superconducting Properties of High-Purity Niobium. <i>Physical Review</i> , 1966 , 149, 231-243	359
Numerical Study of the 8-32-Particle Eigenstates of the Pairing Hamiltonian. <i>Physical Review</i> , 1966 , 141, 949-956	166
1699 Compact-Cluster Expansion for the Nuclear Many-Body Problem. <i>Physical Review</i> , 1966 , 152, 863-882	179
1698 On a Quantum Field Theory with Degenerate Vacuum and a Special Type of Symmetry. 1966 , 7, 148-154	4
1697 Some remarks on the theory of superconductivity. 1966 , 19, 27-36	7
1696 On Alternate Commutation Relations. 1966 , 7, 1049-1053	4
1695 Gauge Invariant Formulation of the BCS Model. 1966 , 7, 915-921	19
1694 The proximity effect in the lead-copper system by electron tunnelling. 1966 , 13, 971-987	24
1693 High-Field Superconductivity and Its Applications. 1966 , 11, 25-46	2
1692 Collective excitations in the many-boson problem. 1966 , 44, 68-90	16
London moment of rotating superconductors and lense-thirring fields of general relativity. 1966 , 45, 66-68	28
1690 AnS-matrix approach to superconductivity. 1966 , 42, 1-7	1
1689 0+ levels inA=4n self-conjugate nuclei. 1966, 45, 113-118	4
1688 Low temperature specific heats of unannealed niobium wires in magnetic fields. 1966 , 32, 1253-1273	16
$_{f 1687}$ Symmetry breaking average and field theoretical method in superconductivity. 1966 , 32, 2164-2170	4
1686 Possible high-current superconductivity in ionic semiconductors. 1966 , 20, 591-592	5
$_{f 1685}$ Exciton-exciton interaction resulting from phonon-exciton coupling. 1966 , 4, 317-320	

1684 Electromagnetic Properties of Superconductors in the Frfilich Hamiltonian Model. 1966, 15, 777-781

1683 Neuere Entwicklungen auf dem Gebiet der Supraleitung. 1966 , 38, 505-508	
Superconducting critical temperatures of nonstoichiometric transition metal carbides and nitrides. 1966 , 14, 1403-1408	53
1681 Effects of energy gap anisotropy in pure superconductors. 1966 , 40, 268-295	168
1680 Best energy criterion and the principle of compensation of dangerous diagrams. 1966 , 40, 395-415	6
Ultrasonic attenuation and magnetic properties of superconducting niobium in the mixed state. 1966 , 27, 327-334	21
1678 Hard superconductors. 1966 , 1, 2-29	47
1677 Temperature dependence of the superconducting energy gap of Pb. 1966 , 4, 59-63	48
1676 Structure effects in the charge radius of spherical nuclei. 1966 , 86, 1-46	138
1675 Electromagnetic transition probabilities in single closed shell nuclei. 1966 , 83, 303-320	20
1674 A note on coupling schemes in odd-mass nuclei. 1966 , 78, 341-352	107
1673 Variational principle and compensation method in pairing interaction. 1966 , 75, 309-320	1
1672 Surface effects on the nuclear energy gap. 1966 , 89, 623-631	1
$_{1671}$ A study of the Hartree-Fock approximation as applied to finite nuclei. 1966 , 84, 545-568	137
1670 On the collective excitations of super-conductors with the P-pairing. 1966 , 32, 1953-1977	О
1669 Thermal conductivity of superconducting Ta - Nb alloys. 1966 , 22, 11-12	7
1668 Superconducting indium antimonide. 1966 , 23, 641-642	7
1667 A nonlocal theory for the superconductor in a magnetic field. 1966 , 20, 245-247	2

1666	Anomalous specific heat of Nb3Sn in the liquid helium region. 1966 , 23, 223-224	15
1665	Anomalous attenuation of ultrasonic waves in superconducting niobium. 1966 , 22, 414-415	14
1664	Ultrasonic investigation of energy gap anisotropy in superconducting rhenium. 1966 , 21, 510-511	11
1663	Elektronische spezifische WEme und Antiferromagnetismus in Chromlegierungen. 1966 , 5, 285-301	20
1662	A time dependent Ginzburg-Landau equation and its application to the problem of resistivity in the mixed state. 1966 , 5, 302-317	136
1661	On the derivation of generalized Ginzburg[landau equations. 1966 , 21, 277-292	
1660	The superconducting energy gap in single crystal doped Sn. 1966 , 1, 143-150	
1659	Meissner Effect in a Classical Electron Gas. 1966 , 210, 614-614	4
1658	Exciton Renormalization in Conducting Molecular Solids. 1966 , 1, 351-375	7
1657	Second-Kind Superconductivity of Indium-Lead Alloys. 1966 , 21, 2122-2131	22
1656	The electron pair theory of superconductivity. 1966 , 7, 192-209	O
1655	Amplitude-Dependent Ultrasonic Attenuation in Superconductors. <i>Physical Review</i> , 1966 , 151, 178-189	96
1654	Theory of Nonhomogeneous Superconductors. <i>Physical Review</i> , 1966 , 141, 336-345	38
1653	Superconductivity and Electronic Structure in the Alloy System Lead-Thallium. <i>Physical Review</i> , 1966 , 147, 340-348	32
1652	Superconducting Transition Temperatures and Lattice Constants for the Pseudobinary System Nb3Al-Nb3Sb. <i>Physical Review</i> , 1966 , 152, 341-344	16
1651	Electronic Structure and Superconductivity of Indium-Cadmium Alloys. <i>Physical Review</i> , 1966 , 144, 300-308	34
1650	Isotope Effect in Superconducting Zinc. 1966 , 17, 255-257	8
1649	Superconducting Transitions of Amorphous Bismuth Alloys. <i>Physical Review</i> , 1966 , 147, 384-391	68

1648	Critical Magnetic Fields of Superconducting Ruthenium Isotopes and Search for an Isotope Effect. <i>Physical Review</i> , 1966 , 141, 407-411	4
1647	Energy Gap of Superconducting Tin Films in a Magnetic Field. <i>Physical Review</i> , 1966 , 143, 323-328	13
1646	Apparent Superconducting Energy Gap in Lead from Ultrasonic Measurements. <i>Physical Review</i> , 1966 , 151, 189-190	11
1645	Ultrasonic Studies of the Superconductivity of Doped Tin. <i>Physical Review</i> , 1966 , 151, 229-237	20
1644	Electromagnetic Attenuation of Transverse Ultrasound in Superconductors. <i>Physical Review</i> , 1966 , 146, 282-285	21
1643	Effects of Nonmagnetic Impurities upon Anisotropy of the Superconducting Energy Gap. <i>Physical Review</i> , 1966 , 148, 392-401	50
1642	Experimental Evidence for a New Nuclear Spin-Lattice Relaxation Process in Type-II Superconductors at Low Temperatures. 1966 , 17, 384-386	46
1641	Pauli Spin and Spin-Orbit Effects in the Magnetization of a Superconducting Ti-Mo Alloy. <i>Physical Review</i> , 1966 , 148, 257-263	12
1640	Spectroscopic Factors from Deuteron Stripping Reactions Leading to Ground and First Excited States of Even Spherical Nuclei. <i>Physical Review</i> , 1966 , 142, 729-734	45
1639	Heat Capacity of Dranium at a Pressure of 10 kbar, Between 0.3 and 6°K. 1966 , 17, 694-696	70
1638	Superconductivity of Tungsten. 1966 , 16, 101-104	20
1637	High-Voltage Pulse Characteristics of Superconducting Transmission Lines. 1966 , 37, 3297-3300	5
1636	Flux Trapping of rf Fields in Superconductors. <i>Physical Review</i> , 1966 , 148, 313-317	8
1635	Ultrasonic Studies in Normal and Superconducting Thallium. <i>Physical Review</i> , 1966 , 141, 452-460	14
1634	Pseudospin Approach to Linear Antiferromagnetic Chains. <i>Physical Review</i> , 1966 , 149, 330-342	12
1633	Electron Tunneling Measurement of a Small Energy Gap in Lanthanum. 1966 , 17, 196-198	14
1632	New Relationship for Superconductors. <i>Physical Review</i> , 1966 , 146, 294-296	9
1631	Microwave Properties of Superconducting Zinc in the Energy-Gap Frequency Region. <i>Physical Review</i> , 1966 , 146, 309-316	8

	1630	Energy Gap in Finite Nuclear Systems. <i>Physical Review</i> , 1966 , 144, 804-811	17	
	1629	Attenuation of Longitudinal Acoustic Waves in Type-II Superconductors. <i>Physical Review</i> , 1966 , 148, 198-211	7	
,	1628	Microwave Absorption Studies of Superconductors-Magnetic-Field-Induced Anisotropy and the Effect of Impurities. 1966 , 17, 24-27	20	
	1627	Effective Interaction Strength in Superconductors. <i>Physical Review</i> , 1966 , 149, 370-377	25	
	1626	Pressure Dependence of the Superconducting Transition Temperature of dhcp and fcc Lanthanum. <i>Physical Review</i> , 1966 , 146, 291-294	48	
	1625	Little's Proposal for a Superconducting Organic Polymer. <i>Physical Review</i> , 1966 , 150, 189-192	30	
	1624	Static Quadrupole Moment of the First 2+ State of Vibrational Nuclei. <i>Physical Review</i> , 1966 , 150, 783-790	57	
	1623	Magnetic Field-Induced Anisotropy of the Superconducting Energy Gap Determined by Microwave Absorption. 1966 , 16, 1100-1102	23	
	1622	Interactions Between He3 Atoms in Dilute Solutions of He3 in Superfluid He4. 1966 , 17, 372-375	99	
	1621	Critical Magnetic Fields in Superconducting Films of Indium. <i>Physical Review</i> , 1966 , 151, 96-100	7	
	1620	Number-Conserving Approximation for the Theory of the Pairing Interaction in Nuclei. <i>Physical Review</i> , 1966 , 143, 735-739	33	
	1619	Effect of Electron-Damped Dislocations on the Determination of the Superconducting Energy Gaps of Metals. <i>Physical Review</i> , 1966 , 143, 229-235	71	
	1618	Effect of Quasiparticle Lifetime on the Superfluid Transition Temperature of He3. 1966 , 16, 931-933	3	
	1617	Indirect Interaction Involving Impurity States in Superconductors. <i>Physical Review</i> , 1966 , 146, 317-321	13	
	1616	Calculation of the Electromagnetic Absorption Edge in Superconducting Alloys. <i>Physical Review</i> , 1966 , 151, 241-245	18	
	1615	Lifetimes of Quasiparticles of High Momentum in Liquid He3. 1966 , 17, 125-126	5	
	1614	Thermal and Electrical Conductivities of Mo-Re Alloys in the Superconducting and Normal States. <i>Physical Review</i> , 1966 , 142, 251-258	13	
	1613	Energy Spacing of Geometrical Resonance Structure in Very Thick Films of Superconducting In. 1966 , 16, 352-354	24	

1612	Superconductivity and Electronic Specific Heat in the Scandium-Zirconium System. <i>Physical Review</i> , 1966 , 149, 409-414	37
1611	Superconductivity in the Alloy System Cadmium-Mercury and the Effect of Ordering upon Superconductivity. <i>Physical Review</i> , 1966 , 141, 412-418	19
1610	Anomalous Ultrasonic Attenuation in Pure Superconducting Pb. 1966 , 16, 577-579	25
1609	Pressure Dependence of the Superconducting Transition Temperature of Vanadium and Niobium. <i>Physical Review</i> , 1966 , 144, 233-236	32
1608	Isospin Formulation of the Theory of a Granular Superconductor. <i>Physical Review</i> , 1967 , 154, 353-368	56
1607	Superconducting Properties of Technetium. <i>Physical Review</i> , 1967 , 155, 364-369	25
1606	Paramagnetic Superconductivity in Extreme Type-II Superconductors. <i>Physical Review</i> , 1967 , 158, 356-376	145
1605	Electromagnetic Shear-Wave Interaction in a Superconductor. 1967 , 19, 81-85	33
1604	Law of Corresponding States for fcc and d-hcp La. <i>Physical Review</i> , 1967 , 158, 376-382	87
1603	Collective Excitations of a Granular Superconductor in the Presence of a Steady Uniform Current Flow. <i>Physical Review</i> , 1967 , 158, 314-318	3
1602	Microwave Photon Interaction with Superconducting Tunneling Currents. <i>Physical Review</i> , 1967 , 159, 374-382	24
1601	Representation Dependence of Spontaneous Symmetry Breaking. <i>Physical Review</i> , 1967 , 156, 1623-1624	1
1600	Far-Infrared Absorption in Superconducting Niobium Alloys. <i>Physical Review</i> , 1967 , 158, 340-345	16
1599	Density of States of a Short-Mean-Free-Path Superconductor in a Magnetic Field by Electron Tunneling. <i>Physical Review</i> , 1967 , 155, 373-378	31
1598	Superconducting- and Normal-State Thermal Conductivity of Impure Tin. <i>Physical Review</i> , 1967 , 154, 329-337	8
1597	Microwave Transmission- and Reflection-Coefficient Ratios of Thin Superconducting Films. <i>Physical Review</i> , 1967 , 154, 414-421	19
1596	Will Pressure Destroy Superconductivity?. <i>Physical Review</i> , 1967 , 159, 353-358	114
1595	Relaxation of the Superconducting Order Parameter. <i>Physical Review</i> , 1967 , 154, 349-353	18

1594	Ground State of the Kondo Many-Body Scattering Problem. 1967 , 18, 488-491	61
1593	Anisotropic Energy Gap in Superconducting White Tin: Semiempirical Approach. <i>Physical Review</i> , 1967 , 153, 482-487	13
1592	Bilinear Reflection of a Double-Frequency Laser Beam from a Superconductor. <i>Physical Review</i> , 1967 , 156, 444-451	2
1591	Predicted Transition Temperatures of Very Thin Films and Whiskers of Superconducting Semiconductors Application to SrTiO3. <i>Physical Review</i> , 1967 , 164, 489-497	28
1590	Zero-Field Nuclear Spin Relaxation and Resonance Absorption in Superconducting Aluminum. <i>Physical Review</i> , 1967 , 159, 359-368	2
1589	Amplitude-Independent Ultrasonic Attenuation in Superconducting Lead. 1967 , 19, 230-232	11
1588	UPPER-CRITICAL-FIELD LIMITS FOR BULK TYPE-II SUPERCONDUCTORS. 1967 , 10, 189-192	117
1587	Superconductivity in Thin Indium Films. 1967 , 38, 5116-5118	8
1586	Nuclear Relaxation Measurements in the Superconducting and Normal States of Some V3 X Compounds. <i>Physical Review</i> , 1967 , 153, 535-546	54
1585	Band-Structure Effects in Superconductivity. I. Formalism. <i>Physical Review</i> , 1967 , 153, 460-481	43
1584	Ultrasonic Attenuation in Normal and Superconducting Lead; Electronic Damping of Dislocations. 1967 , 18, 750-752	48
1583	Impurity Dependence of the Critical Field in Anisotropic Superconductors. <i>Physical Review</i> , 1967 , 153, 449-454	33
1582	Specific Heat of Lanthanum, Praseodymium, Neodymium, and Samarium Metals between 3 and 25°K. <i>Physical Review</i> , 1967 , 158, 591-600	51
1581	Strong-Coupling Superconductivity in Gallium. 1967 , 18, 336-339	41
1580	Energy Gap and Thermal Conductivity of Pure and Impure Superconducting Tin. <i>Physical Review</i> , 1967 , 154, 338-345	6
1579	Spin Waves in Paramagnetic Fermi Gases. <i>Physical Review</i> , 1967 , 162, 399-418	10
1578	Tunneling into Superconducting Films in a Magnetic Field. <i>Physical Review</i> , 1967 , 158, 325-332	38
1577	Particle-Size Effects on Nuclear Magnetic Resonance in Superconductors. <i>Physical Review</i> , 1967 , 163, 420-431	29

1576	Optical Properties of SrTiO3 under Applied Stress and Electric Field. <i>Physical Review</i> , 1967 , 154, 743-749	16
1575	High-Frequency Effects in the Acoustic Attentuation of Superconducting Aluminum. 1967 , 18, 897-899	13
1574	Strong-Coupling Superconductivity in V3X type of Compounds. 1967 , 19, 1039-1041	163
1573	Isotope Effect in Superconducting EJranium Alloys. <i>Physical Review</i> , 1967 , 163, 356-361	13
1572	Superconducting Transitions of Isotopes of Zinc. <i>Physical Review</i> , 1967 , 164, 565-574	28
1571	Transport Phenomena in the Simple Metals. <i>Physical Review</i> , 1967 , 158, 672-682	60
1570	Superconductivity in the Alloy System Indium-Thallium. <i>Physical Review</i> , 1967 , 154, 424-435	28
1569	Thickness Dependence of 2 and Related Problems for Superconducting Alloy Films in Strong Fields. <i>Physical Review</i> , 1967 , 156, 452-469	51
1568	Vanishing Knight Shift in Superconducting Aluminum. 1967 , 18, 156-158	45
1567	Meissner Effect for Superconductors with Magnetic Impurities. 1967 , 18, 899-901	14
1566	Magnetic Properties of Some Type-II Alloy Superconductors near the Upper Critical Field. <i>Physical Review</i> , 1967 , 161, 423-433	53
1565	Phenomenological Landau-Ginzburg Theory for Anisotropic Superconductors. <i>Physical Review</i> , 1967 , 154, 302-309	
1564	Spin-Reversing Scattering and Nuclear Magnetic Resonance in Superconducting Tin. 1967 , 18, 115-116	11
1563	Determination of the Anisotropy of the Energy Gap in Superconducting Pb by Superconductive Tunneling. <i>Physical Review</i> , 1967 , 153, 513-532	56
1562	Determination of Particle Size Distributions of Dispersions of Small Superconducting Particles from Magnetic Measurements. 1967 , 38, 2687-2688	3
1561	Critical Fields Hc2(T) and Hc3(T) in Strong-Coupling Superconductors. <i>Physical Review</i> , 1967 , 159, 344-352	13
1560	Nuclear magnetic resonance in metals. 1967 , 12, 195-228	6
1559	Some difficulties in the observation of the Frîhlich-Terreaux quasi-superconducting state. 1967 , 90, 237-240	

1558	Statistical theory of a second-order transition in an interacting system. 1967 , 90, 587-600	0
1557	Ultrasonic attenuation in normal and superconducting indium. 1967 , 92, 962-976	15
1556	Nuclear Magnetic Resonance and Specific Heat Measurements of Transition Metals and Alloys; Ti-V-Fe and Zr-Nb-Mo Systems. 1967 , 22, 238-247	23
1555	Alternant spin waves in the Heisenberg antiferromagnet. 1967 , 12, 319-332	5
1554	Difference between Log ft Values of Negatron Decays and Positron Decays from Odd-Odd Nuclei to Even-Even Nuclei. 1967 , 22, 360-367	11
1553	Type II Superconductors. 1967 , 23, 1-37	2
1552	Superconducting Transition Temperatures of Semiconducting SrTiO3. <i>Physical Review</i> , 1967 , 163, 380-390	371
1551	Decay of Persistent Currents in Small Superconductors. <i>Physical Review</i> , 1967 , 156, 396-403	247
1550	Energy-Gap Measurements in Type-II Superconductors by a New Method. 1967 , 18, 212-215	8
1549	Ground-State Energy of a Finite System of Charged Particles. 1967 , 8, 1538-1545	151
1548	Microwave ultrasonic studies in a highly coupled superconductor. 1967 , 296, 113-121	10
1547	Chapter I The Josephson Effect and Quantum Coherence Measurements in Superconductors and Superfluids. 1967 , 5, 1-43	37
1546	Effect of Low-Temperature Deuteron Irradiation on Some Type-II Superconductors. <i>Physical Review</i> , 1967 , 155, 355-363	36
1545	Specific Heat of Lead in the Range from 2 to 8°K. <i>Physical Review</i> , 1967 , 155, 384-387	40
1544	Existence of Long-Range Order in One and Two Dimensions. <i>Physical Review</i> , 1967 , 158, 383-386	1597
1543	Effective Interaction of He3 Atoms in Dilute Solutions of He3 in He4 at Low Temperatures. <i>Physical Review</i> , 1967 , 156, 207-221	303
1542	Theory of Electromagnetic Properties of Superconducting and Normal Systems. I. <i>Physical Review</i> , 1967 , 156, 470-486	244
1541	Derivation of the Principle of Compensation of Dangerous Diagrams. 1967 , 8, 1200-1210	9

1540	Thermodynamically Equivalent Hamiltonian Method in Nonequilibrium Statistical Mechanics. 1967 , 8, 389-399	5
1539	Magnetic Field Dependence of the Microwave Surface Impedance of Superconducting Tantalum. <i>Physical Review</i> , 1967 , 156, 500-512	15
1538	The Specific Heat and Superconductivity of La-Y Alloys. 1967 , 23, 9-18	36
1537	Supraleitende Halbleiter. 1967 , 1-17	
1536	Supraleitende Halbleiter. 1967 , 1-17	1
1535	Organische Halbleiter, Teil I. Physikalische Grundlagen, Charakterisierung und Anwendungsmßlichkeiten. 1967 , 39, 1041-1046	2
1534	Off-diagonal long-range order in the BCS theory. 1967 , 44, 105-111	4
1533	Path integral approach to interacting electron-phonon systems. 1967 , 51, 547-549	1
1532	The effect of pairing correlations on magnetic-octupole moments. 1967 , 48, 437-442	1
1531	Pairing and magnetic field in superconducting films. 1967 , 48, 19-57	3
1530	Two ways of spontaneous symmetry breaking. 1967 , 52, 116-121	6
1529	K = 0+ excited levels in deformed nuclei and their rotational coupling. 1967 , 101, 202-228	39
1528	Gamma-vibrational states of deformed even nuclei populated in the (d, p) reaction. 1967 , 104, 642-656	24
1527	Equilibrium deformations of heavy nuclei calculated with projected wave functions. 1967 , 96, 258-272	13
1526	Ultrasonic investigation of energy gap anisotropy in superconducting molybdenum. 1967, 26, 75-76	11
1525	A mechanism for increasing the superconducting transition temperature. 1967 , 24, 582-583	7
1524	Comment on the E ffect of strain and impurities on the ultrasonic attenuation in superconducting tin I1967 , 24, 589-590	
1523	Ground-state energy shift in superconductor due to s-d interaction. 1967 , 25, 224-225	1

1522	Superconductivity in tight binding systems. 1967 , 25, 252-253	1
1521	The Penetration Depth in Two Band Model Superconductors. 1967 , 20, 783-789	8
1520	Band Structure and Superconductivity of A3B-Type Intermetallic Compounds with EW Structure. 1967 , 24, K43-K47	14
1519	MEhode des Biorbitales: Application PrEiminaire au Calcul de l'Energie de l'Etat Fondamental de l'Atome de Beryllium. 1967 , 1, 327-335	17
1518	Possible exact momentum pair-breaking mechanism due to UMKLAPP processes in superconductors. 1967 , 24, 433-435	
1517	Detection of inertial effects with superconducting interferometers. 1967 , 24, 32-33	38
1516	Frequency effect in the ultrasonic attenuation in niobium in the mixed state. 1967 , 25, 151-152	13
1515	Effect of strain and impurities on the ultrasonic attenuation in superconducting tin. 1967 , 24, 84-86	4
1514	Some suggestions on the problem of superconductivity. 1967 , 24, 111-112	1
1513	Temperature dependent interaction in superconductors effect on law of corresponding states. 1967 , 26, 43-44	5
1512	New solution of the BCS gap equation. 1967 , 24, 307-308	1
1511	Superconductivity of hexagonal beryllium. 1967 , 24, 579-580	23
1510	Corrections of the BCS approximation in the case of systems with two unperturbed levels. 1967 , 93, 223-231	
1509	Equilibrium deformations calculated with projected wave functions for rare-earth nuclei. 1967 , 93, 501-512	12
1508	The calculation of nuclear rotational states based on the generalized Hartree-Fock approximation. 1967 , 97, 298-320	26
1507	Number-conserving approach to the pairing-force model. 1967 , 95, 385-419	7
1506	Spin assignments of low-energy resonances in 239Pu. 1967 , 98, 33-40	12
1505	An extension of the London equations of superconductivity. 1967 , 37, 504-538	3

Size effects in the tunnelling characteristic of 36, 310-314	of superconducting lead films in a magnetic field. 1967 ,	2
1503 Ultrasonic attenuation in superconducting r	niobium. 1967 , 28, 2487-2497	32
1502 Dirty superconductors and isotope effect. 1	967 , 28, 2327-2333	6
1501 Ground state of a superconductor with a sir	ngle magnetic impurity. 1967 , 5, 705-708	4
1500 Heat conductivities below 1° K. I. 1967 , 7, 14	11-156	23
1499 Heat conductivities below 1° K. II. 1967 , 7, 1	95-199	7
1498 Level densities of excited systems with pair	ing interactions. 1967 , 92, 345-352	1
Systematics of some nuclear properties of t 1497 190. 1967 , 23, 277-285	he odd mass nuclei in the region near the mass number	
1496 Proximity effect in superconducting contact	ts by electron tunnelling. 1967 , 6, 23-37	2
1495 Generalized treatment of neutron-proton p	airing in N = Z nuclei. 1967 , 24, 257-259	62
1494 Experimental investigations of critical phen	omena. 1967 , 30, 731-826	376
1493 Magnetization in superconducting films. 19	68 , 57, 89-102	
The approach to equilibrium in a pure super 14 92 1968 , 8, 129-140	conductor the relaxation of the Cooper pair density.	14
1491 Pairing correlations in nuclear matter: A sell	f-consistent calculation. 1968 , 118, 189-206	19
1490 Calculation of rotational energies in rare-ea	rth nuclei. 1968 , 121, 306-328	34
1489 Temperature dependent interaction and the	ermodynamic properties in superconductors. 1968 , 28, 430-431	5
Possible competing superconducting and in semimetals. 1968 , 26, 521-522	sulating mechanisms in semiconductors and	7
$_{1487}$ Unified field theory of elementary particles	. 1968 , 58, 171-190	7

1486	On the generalized field quantization procedure. 1968 , 54, 991-994	2
1485	Tunneleffekt an amorphen und stark gestfiten Zinnschichten. 1968 , 477, 15-24	10
1484	Single-particle condensate and pair theory of a homogeneous boson system. 1968 , 47, 15-39	29
1483	Nuclear deformations in the pairing-plus-quadrupole model. 1968 , 122, 241-272	154
1482	Parity-mixed configurations using a simple model. 1968 , 119, 337-346	3
1481	Nuclear deformations in the pairing-plus-quadrupole model. 1968 , 110, 490-528	302
1480	On superconductivity effects in nuclear level density. 1968 , 110, 129-141	92
1479	Comprehensive comparison of nucleidic mass formulae based on different nuclear models. 1968 , 120, 369-386	4
1478	Experiments on coupled Josephson junctions. 1968 , 27, 585-586	62
1477	The pressure dependence of the superconducting transition temperature. 1968 , 26, 239-240	32
1476	Bandstructure and superconductivity of non-transition metals. 1968 , 26, 244-246	14
1475	On superconductivity in degenerate semiconductors. 1968 , 27, 234-235	2
1474	Intrinsic type-2 superconductivity in pure niobium. 1968 , 8, 301-308	66
1473	Soluble model in the band theory of ferromagnetism. 1968 , 38, 464-480	2
1472	Complex wavefunctions and the conservation of total momentum in the Hartree-Fock theory. 1968 , 27, 236-245	27
1471	Superconductivity of lanthanum intermetallic compounds with the Cu3Au structure. 1968 , 29, 295-302	55
1470	The electron-phonon coupling and phonon spectra in lead-thallium alloys studied by electron tunnelling. 1968 , 29, 387-397	16
1469	Low temperature specific heat of b. c. c. titanium molybdenum alloys. 1968 , 29, 749-754	13

1468 Josephson-Effekte in Supraleitern. 1968 , 55, 518-525	2
1467 Ultrasonic attenuation of anisotropic superconductor in ql 1968, 25, 551-555	
1466 Influence of High Pressure on the Energy Gap of Tin. 1968 , 30, K107-K110	3
1465 The problem of high temperature superconductivity. 1968 , 9, 355-374	120
1464 Crystallization and Torsional Oscillations of Superdense Stars. 1968 , 218, 1128-1129	71
Critical Field of Superconducting Aluminum as a Function of Pressure and Temperature above 0.3°K. <i>Physical Review</i> , 1968 , 165, 522-532	46
1462 Molecular Vibration Spectra by Inelastic Electron Tunneling. <i>Physical Review</i> , 1968 , 165, 821-832	453
1461 Theory of SuperconductorNormal-Metal Interfaces. <i>Physical Review</i> , 1968 , 175, 559-568	201
1460 Specific Heat of Niobium-Tin. <i>Physical Review</i> , 1968 , 166, 424-431	118
1459 Quantum field theory of phase transitions in Fermi systems. 1968 , 17, 509-562	57
1458 Metallic Hydrogen: A High-Temperature Superconductor?. 1968 , 21, 1748-1749	828
1457 Far-Infrared Absorption in Thin Superconducting Lead Films. <i>Physical Review</i> , 1968 , 165, 588-595	128
1456 Superconducting transition temperatures of zirconium-niobium alloys. 1968 , 15, 437-443	9
1455 Cohesion in cubic refractory monocarbides, mononitrides and monoxides. 1968 , 14, 1-22	45
1454 Transition Temperature of Strong-Coupled Superconductors. <i>Physical Review</i> , 1968 , 167, 331-344	4348
Principle of Compensation of Dangerous Diagrams for Boson Systems. I. Maximum Overlap. 1968 , 9, 1779-1794	10
1452 Excitonic Insulator in a Magnetic Field. <i>Physical Review</i> , 1968 , 170, 816-821	40
1451 Superconductivity in ETungsten Films. 1968 , 39, 5548-5556	66

1450	Macroscopic quantum effects in superfluids. 1968 , 31, 61-121	9
1449	Hyperspin Formulation of a Modified Pairing Treatment of the Bose Fluid. <i>Physical Review</i> , 1968 , 170, 194-205	8
1448	Superconducting Interactions in Tin Telluride. <i>Physical Review</i> , 1968 , 169, 388-394	39
1447	Tunneling Model of the Superconducting Proximity Effect. <i>Physical Review</i> , 1968 , 175, 537-542	550
1446	Fluxoid Quantization and Field-Induced Depairing in a Hollow Superconducting Microcylinder. <i>Physical Review</i> , 1968 , 176, 567-580	80
1445	The theory of nuclear energy levels. 1968 , 31, 1-59	4
1444	Radio-Frequency Losses in the Superconducting Penetration Depth. 1968 , 39, 2539-2546	12
1443	Exactly Solvable Many-Boson Model. 1968 , 9, 1327-1343	67
1442	Nuclear test instrumentation with miniature superconductive cables. 1968 , 5, 91-99	4
1441	Magnetization of Synthetic Filamentary Superconductors. B. The Dependence of the Critical Current Density on Temperature and Magnetic Field. 1968 , 39, 3406-3413	64
1440	Thermal Conductivity of Superconducting Tin Films in a Magnetic Field. <i>Physical Review</i> , 1968 , 167, 345-360	15
1439	Scattering of Single-Particle Excitations by a Vortex in a Clean Type-II Superconductor. <i>Physical Review</i> , 1968 , 175, 587-596	55
1438	Superconducting Thin Film in a Magnetic FieldTheory of Nonlocal and Nonlinear Effects. I. Specular Reflection. <i>Physical Review</i> , 1968 , 167, 361-381	18
1437	Superconductivity in Simple Metals. <i>Physical Review</i> , 1968 , 172, 476-484	102
1436	Properties of an Abrikosov Fluxoid in Type-II Superconductors. <i>Physical Review</i> , 1968 , 165, 596-601	16
1435	Amplitude-Independent Longitudinal Ultrasonic Attenuation in Superconducting Lead. <i>Physical Review</i> , 1968 , 172, 413-423	22
1434	Possible Cooperative Phase for Electrons in Double-Stranded DNA. <i>Physical Review</i> , 1968 , 174, 517-521	6
1433	High-Frequency Surface Impedance of Dirty Type-II Superconductors in the Surface-Sheath Regime. <i>Physical Review</i> , 1968 , 176, 581-589	22

1432	Application of the Cluster Variation Method to the sd Interaction Hamiltonian. <i>Physical Review</i> , 1968 , 175, 680-685	22
1431	Size Effect in a Granular Superconductor. <i>Physical Review</i> , 1968 , 166, 392-396	78
1430	Nuclear Spin-Lattice Relaxation in Pure and Impure Superconducting Indium. 1968 , 20, 265-267	6
1429	Impurity Scattering in Superconductors. <i>Physical Review</i> , 1968 , 170, 491-495	
1428	Level Spectra of Odd Isotopes of Ga, As, Br, and Rb in the Coriolis Coupling Model with a Residual Interaction of the Pairing Type. <i>Physical Review</i> , 1968 , 176, 1355-1365	114
1427	Study of the Superconductivity of the Intermetallic Compounds U Mn6, U Fe6, U Co6, and U Ni6 and Alloys Formed between Them. <i>Physical Review</i> , 1968 , 168, 464-474	55
1426	Possibility of Photoinduced Superconductivity. <i>Physical Review</i> , 1968 , 174, 482-488	27
1425	Local Temperature-Gradient Contribution to Flux-Flow Viscosity in Superconductors. 1968 , 20, 735-738	55
1424	Relaxation of the Superconducting Order Parameter. <i>Physical Review</i> , 1968 , 169, 407-413	25
1423	Nonlinear Effect in the Shear-Wave Attenuation near Tc in Superconductors. <i>Physical Review</i> , 1968 , 173, 526-530	8
1422	Tomasch Oscillations in the Density of States of Superconducting Films. <i>Physical Review</i> , 1968 , 170, 481-490	43
1421	Flux Quantization in a One-Dimensional Model. <i>Physical Review</i> , 1968 , 166, 404-414	50
1420	Superconductivity in Granular Aluminum Films. <i>Physical Review</i> , 1968 , 168, 444-450	185
1419	Ultrasonic Studies of the Superconductivity of Doped Tin. II. <i>Physical Review</i> , 1968 , 166, 476-478	
1418	Isospin Invariance and the Pairing-Force Problem. <i>Physical Review</i> , 1968 , 170, 859-879	47
1417	Low-Temperature Amplitude-Independent Longitudinal Ultrasonic Attenuation in Normal Lead. <i>Physical Review</i> , 1968 , 172, 402-412	23
1416	Theory of a Turbulent Stationary State of a Plasma. <i>Physical Review</i> , 1968 , 165, 231-250	22
1415	Critical-Field Curves for Gapless Superconductors. <i>Physical Review</i> , 1968 , 172, 430-436	59

1414	SUPERCONDUCTIVITY IN EVAPORATED TUNGSTEN FILMS. 1968 , 12, 259-260	33
1413	Magnetic Structures of TbAu2. 1968 , 48, 560-564	31
1412	Derivation and Analysis of the PariserParrPople Model. 1968 , 49, 716-727	104
1411	Performance of Superconducting Oscillators and Filters. 1968 , 39, 2665-2671	14
1410	Recombination Time of Quasiparticles in Superconducting Aluminum. 1968 , 20, 994-997	41
1409	New Absorption Phenomenon for Transverse Ultrasonic Phonons in Superconductors Near Tc. 1968 , 21, 1246-1250	6
1408	Effect of Antimony, Indium, and Zinc Impurities on the Critical-Field Curve of Tin. <i>Physical Review</i> , 1968 , 175, 543-550	12
1407	The Mixed State in Superconducting Thin Films. <i>Physical Review</i> , 1968 , 172, 441-450	96
1406	Ultrasonic Determination of the Pressure Dependence of the Superconducting Energy Gap in Tin. <i>Physical Review</i> , 1968 , 175, 599-603	3
1405	Ultrasonic Attenuation in the Superconducting State of High-Purity Thallium. <i>Physical Review</i> , 1968 , 175, 362-367	6
1404	Superconducting Transition Width in Pure Gallium Single Crystals. <i>Physical Review</i> , 1968 , 165, 556-561	19
1403	Hartree-Fock-Bogoliubov Projected Spectra for Finite Nuclei. <i>Physical Review</i> , 1968 , 170, 1041-1046	18
1402	High-Frequency Sound Absorption in Superconductors. <i>Physical Review</i> , 1968 , 172, 455-466	11
1401	Characteristic Parameters of a Granular Superconductor. <i>Physical Review</i> , 1968 , 167, 387-392	25
1400	Low-Temperature Specific Heats of Zr-Ti, Zr-Hf, and Zr-Sc Alloys. <i>Physical Review</i> , 1968 , 168, 715-725	22
1399	Superconductivity in Multiple Pair-Breaking Regimes. 1968 , 20, 387-390	15
1398	Nonmagnetic Localized Impurity States in Dilute Superconducting Alloys. <i>Physical Review</i> , 1968 , 169, 395-397	2
1397	Motion of Normal Regions Along a Superconducting Strip. <i>Physical Review</i> , 1968 , 176, 531-537	10

1396	Far-Infrared Absorption Spectra of Thick Superconducting Films. <i>Physical Review</i> , 1968 , 167, 393-407	20
1395	Superconducting Tunneling in the Low-Temperature Phases of Gallium. 1968 , 20, 1496-1499	34
1394	Thermodynamics of Volume and Pressure Effects for Type-II Superconductors. <i>Physical Review</i> , 1968 , 166, 471-475	25
1393	Critical-Field Measurement of Superconducting Tungsten as Related to the Cerium-Magnesium-Nitrate Temperature Scale. 1968 , 21, 28-31	11
1392	Surface Impedance of Type-I Superconductors: Calculation of the Effect of a Static Magnetic Field. <i>Physical Review</i> , 1968 , 173, 516-525	25
1391	Mixed-State Hall Effect in an Extreme Type-II Superconductor. <i>Physical Review</i> , 1968 , 168, 442-444	17
1390	Anisotropic Energy-Gap Measurements on Superconducting Niobium Single Crystals by Tunneling. 1968 , 39, 1721-1727	58
1389	Pairing-Model Calculation of Nuclear Matrix Elements in the Decay of As74. <i>Physical Review</i> , 1968 , 170, 965-968	3
1388	Magnetic Impurities and Superconductivity below the Kondo Temperature. Nagaoka's Model. <i>Physical Review</i> , 1968 , 168, 390-398	41
1387	Circular One-Dimensional Model for the Electron-Ion System. I. Random-Phase Approximation. <i>Physical Review</i> , 1968 , 176, 510-520	1
1386	Magnetic Field Dependence of Far-Infrared Absorption in Thin-Film Superconductors. <i>Physical Review</i> , 1968 , 167, 421-429	14
1385	Superconductivity, Susceptibility, and Specific Heat in the Noble Transition Elements and Alloys. I. Experimental Results. <i>Physical Review</i> , 1968 , 165, 533-544	53
1384	Calculation of the Effect of Superconducting Energy-Gap Anisotropy on the Thermal Conductivity of Tin. <i>Physical Review</i> , 1968 , 175, 556-559	1
1383	Magnetic Transitions of Superconducting Thin Films and Foils. II. Tin. <i>Physical Review</i> , 1968 , 173, 494-503	61
1382	Ultrasonic Attenuation in Superconducting Mercury and Mercury-Cadmium Single Crystals. <i>Physical Review</i> , 1968 , 173, 509-515	7
1381	On the thermal conductivity of the intermediate state of a superconductor. 1968 , 1, 744-747	
1380	COLLECTIVE NUCLEAR MOTION AND THE UNIFIED MODEL. 1968 , 601-700	1
1379	Dependence of the Energy Gap in Tin Films on Magnetic Field and Film Thickness by Electron Tunnelling. 1968 , 24, 82-91	3

1378	Density of states and phonon spectrum of superconducting thallium by electron tunnelling. 1968 , 1, 732-743	4
1377	Ergebnisse und Mfigel der heutigen Theorie der Supraleiter 2. Art. 1968 , 254-263	
1376	Electron Transport through Insulating Thin Films. 1969 , 1, 343-383	5
1375	Lattice thermal conductivity of Ta-Nb and Nb-Mo solid solution alloys in normal and superconducting states. 1969 , 2, 629-639	18
1374	Magnetization, Flux Flow Resistance and Hall Effect in Superconducting Vanadium. 1969 , 27, 574-590	46
1373	The interaction between Mott-Wannier excitons in a vibrating lattice. 1969 , 2, 785-795	19
1372	Pressure Dependence of the Superconducting Transition Temperature. <i>Physical Review</i> , 1969 , 179, 458-462	43
1371	Theoretical Alpha-Decay Rates for the Actinide Region. <i>Physical Review</i> , 1969 , 181, 1697-1719	83
1370	Carrier-Concentration-Dependent Superconductivity in SnTe and GeTe. <i>Physical Review</i> , 1969 , 177, 704-706	63
1369	Superconductivity in Some Compounds of La, Lu, Sc, and Y. 1969 , 40, 3161-3162	25
1368	Determination of eh, Using Macroscopic Quantum Phase Coherence in Superconductors. I. Experiment. <i>Physical Review</i> , 1969 , 177, 639-664	72
1367	Effective Masses in Zr-Doped Superconducting Ceramic SrTiO3. <i>Physical Review</i> , 1969 , 178, 668-677	30
1366	Theory of Transitions from Large to Nearly-Small Polarons, with Application to Zr-Doped Superconducting SrTi O3. <i>Physical Review</i> , 1969 , 181, 1278-1290	56
1365	Effect of Fluctuations in the Superconducting Order Parameter on the Tunneling Density of States. 1969 , 23, 377-380	31
1364	Transmission of Far-Infrared Radiation through Thin Films of Superconducting Amorphous Bismuth and Gallium and Beta-Phase Gallium. <i>Physical Review</i> , 1969 , 188, 737-744	25
1363	Band Structure, Physical Properties, and Stability of TiO by the Augmented-Plane-Wave Virtual-Crystal Approximation. <i>Physical Review</i> , 1969 , 184, 864-873	58
1362	Grileisen Functions for Some Type-I Superconductors. <i>Physical Review</i> , 1969 , 178, 677-684	2
1361	Superconductivity in Nontransition Metals. I. <i>Physical Review</i> , 1969 , 181, 743-752	29

1360	Ultrasonic Attenuation of Shear Waves in Superconducting Lead. <i>Physical Review</i> , 1969 , 177, 688-693	10
1359	Evidence for Fluctuation Superconductivity in Bulk Type-II Superconductors. 1969 , 23, 1105-1108	24
1358	Antiferromagnetism in Chromium and its Alloys. 1969 , 40, 1337-1343	81
1357	Flux Penetration in an Anisotropic Type-II Superconductor. <i>Physical Review</i> , 1969 , 183, 528-532	4
1356	Change in Velocity of Sound Between Normal and Superconducting Tin for ql>1. 1969 , 23, 1438-1440	6
1355	Pseudopotential Calculation of the Mass Enhancement and Superconducting Transition Temperature of Simple Metals. <i>Physical Review</i> , 1969 , 187, 525-538	215
1354	Fermi-Surface-Brillouin-Zone Interaction in Simple Cubic Te-Au Alloys. <i>Physical Review</i> , 1969 , 183, 619-624	35
1353	Possibility of Superconductive-Type Enhanced Conductivity in DNA at Room Temperature. <i>Physical Review</i> , 1969 , 188, 710-715	30
1352	Electron Tunneling in Superconducting Cd-Al2O3-Al Junctions. <i>Physical Review</i> , 1969 , 180, 519-526	7
1351	Superconducting Metals in Porous Glass as Granular Superconductors. <i>Physical Review</i> , 1969 , 183, 525-528	41
1350	Thermal Conductivity of Superconducting Niobium. <i>Physical Review</i> , 1969 , 187, 539-548	25
1349	Observed Large Deviation of the Superconductive Critical-Field Ratio Hc3Hc2 from the Existing Theories near Tc. <i>Physical Review</i> , 1969 , 187, 574-579	16
1348	Ultrasonic Attenuation in Normal and Superconducting Indium. <i>Physical Review</i> , 1969 , 177, 673-687	16
1347	Electron Tunneling into Superconducting Mercury Films at Temperatures below 0.4°K. <i>Physical Review</i> , 1969 , 188, 716-722	44
1346	Critical Region for the Ising Model with a Long-Range Interaction. <i>Physical Review</i> , 1969 , 181, 954-968	25
1345	Frequency and Time Domain Analysis of a Superconductive Coaxial Line Using the BCS Theory. 1969 , 40, 2098-2100	7
1344	Tunneling Study of Superconductivity in Tl-Pb-Bi Alloys. <i>Physical Review</i> , 1969 , 178, 713-724	23
1343	Critical Magnetic Fields of Superconducting SnTe. <i>Physical Review</i> , 1969 , 179, 497-511	35

1342	Nucleation of Superconductivity in Tantalum in a Decreasing Magnetic Field. 1969 , 22, 229-231	15
1341	Observation of Decrease of Supercurrent in the Gapless Region. <i>Physical Review</i> , 1969 , 181, 671-682	5
1340	ac Josephson Effect in Superfluid Helium. <i>Physical Review</i> , 1969 , 185, 299-308	29
1339	Low-Frequency Response Function of a Superconductor at Finite Temperature. <i>Physical Review</i> , 1969 , 186, 402-408	1
1338	Far-Infrared Study of Superconductors Containing Magnetic Impurities. <i>Physical Review</i> , 1969 , 181, 774-783	34
1337	Measurements of Plastic Flow in Superconductors and the Electron-Dislocation Interaction. 1969 , 23, 290-293	49
1336	Critical-Field RatioHc3Hc2for Pure Superconductors Outside the Landau-Ginzburg Region. I.T?0°K. <i>Physical Review</i> , 1969 , 178, 684-695	29
1335	Energy Gaps in the Excitation Spectrum of a Superconductor. <i>Physical Review</i> , 1969 , 181, 787-788	43
1334	Fabrication of Tunnel Junctions on Niobium Films. 1969 , 40, 2115-2117	18
1333	Magnetization Studies on Superconducting Vanadium-Gallium. 1969 , 40, 2817-2822	5
1332	Critical-Point Singularities of the Perturbation Series for the Ground State of a Many-Fermion System. 1969 , 10, 1647-1660	18
1331	Pressure Effect on the Magnetic Properties of Superconducting Pb-Tl and Pb-In Alloys. 1969 , 27, 615-621	7
1330	The Fermi surface. I. s-block and p-block metals. 1969 , 18, 681-818	42
1329	On the radiation emitted from a superconducting tunnel junction. 1969 , 168, 387-99	3
1328	The inelastic scattering of light by charge density fluctuations in a superconductor. 1969 , 4, 563-571	17
1327	Effect of pressure on the superconducting transition temperature of iridium. 1969 , 29, 396-397	11
1326	Pressure Dependence of the Knight Shift in V Metal. <i>Physical Review</i> , 1969 , 178, 433-438	14
1325	Considerations on superconductors containing nonmagnetic transition-metal impurities. 1969 , 60, 121-140	9

1324	Effect of attractive nuclear forces on the onset of ferromagnetism in neutron star matter. 1969 , 2, 185-188	45
1323	Density-matrix methods and time dependence of order parameter in superconductors. 1969 , 62, 273-300	8
1322	Nonunitary bogoliubov transformations and extension of Wickl theorem. 1969 , 64, 37-55	207
1321	Gravity-induced electric fields in superconductors. 1969 , 63, 549-559	10
1320	On the pairing theory of the bose superfluid. 1969 , 63, 155-184	57
1319	Coriolis-coupling calculation of low-lying states in As isotopes. 1969 , 125, 626-636	22
1318	Isotope effect in superconductors. 1969 , 29, 504-505	1
1317	Positron annihilation in superconductive metals. 1969 , 28, 771-772	3
1316	Superconductivity in niobium and niobium-tantalum alloys. 1969 , 30, 873-879	27
1315	Electromagnetic attenuation of shear waves in superconductors. 1969 , 1, 341-354	4
1314	Atomic ordering and superconductivity in A-15 compounds. 1969 , 1, 539-561	117
1313	Critical magnetic field curve of superconducting tungsten. 1969 , 1, 641-667	24
1312	Instability of a supercurrent in the critical depairing region. 1969 , 1, 13-18	7
1311	Fluctuations and the superconducting phase transition: Critical specific heat and paraconductivity. 1969 , 1, 241-271	44
1310	Effect of High Pressure on the Energy Gap of Indium and Thallium Superconducting Films. 1969 , 35, 421-426	12
1309	Ultrasonic attenuation in pure and impure single crystals of superconducting tin. 1969 , 9, 235-241	11
1308	Low temperature specific heat of annealed high-purity niobium in magnetic fields. 1969 , 41, 409-439	53
1307	Tunnelling currents from superconducting lead films in a parallel magnetic field. 1969 , 44, 353-380	2

1306	Low temperature specific heat of h.c.p. Mo-Ru And Mo-Rh alloys. 1969 , 30, 169-173	9
1305	Low-energy excited levels of 15Fe and 54Cr. 1969 , 139, 132-143	1
1304	Ground and excited state deformations in the 50 1969, 126, 15-35	88
1303	Single-particle states in a deformed energy-dependent potential. 1969 , 133, 289-309	12
1302	On a simple model explanation of shell effects in nuclear fission. 1969 , 129, 241-258	45
1301	Intermediate isotope effect in superconducting cadmium. 1969 , 29, 373-374	13
1300	Isotope effect in superconducting gallium. 1969 , 28, 741-742	14
1299	Electronic specific heat and superconducting properties of Nb-Ta alloys. 1969 , 28, 500-501	19
1298	Ultrasonic attenuation in crystalline solids[htrinsic and extrinsic mechanisms. 1969, 7, 113-116	1
1297	Theory of Superconducting Semiconductors and Semimetals. <i>Physical Review</i> , 1969 , 177, 707-719	28
1296	Tunneling, Zero-Bias Anomalies, and Small Superconductors. <i>Physical Review</i> , 1969 , 181, 789-799	309
1295	Slow-Wave Structures Utilizing Superconducting Thin-Film Transmission Lines. 1969 , 40, 2039-2051	38
1294	Shell-Model Combinatorial Calculations of Nuclear Level Densities. <i>Physical Review</i> , 1969 , 185, 1303-1319	121
1293	Properties of Superconducting Lead-Indium Alloys and the Generalized Ginzburg-Landau Parameter 2 . <i>Physical Review</i> , 1969 , 177, 694-703	67
1292	Lattice Thermal Conductivity of Superconducting Niobium Carbide. <i>Physical Review</i> , 1969 , 188, 770-773	25
1291	The Josephson effects. 1969 , 10, 139-158	9
1290	Supercurrents in leaddopperElead sandwiches. 1969 , 308, 447-471	199
1289	Possible Pairing without Superconductivity at Low Carrier Concentrations in Bulk and Thin-Film Superconducting Semiconductors. <i>Physical Review</i> , 1969 , 186, 456-463	623

Generalized Bose Operators in the Fock Space of a Single Bose Operator. 1969 , 10, 1168-1176	106
1287 Theoretical interpretation of isomeric cross section ratios for two (d, 2n) reactions. 1969 , 127, 458-46	64 2
Potential of superconductive josephson tunneling technology for ultrahigh performance memories and processors. 1969 , 5, 968-975	62
1285 Structure of Vortex Lines in Pure Superconductors. <i>Physical Review</i> , 1969 , 187, 556-569	242
1284 Tunneling Effects in Dirty-Superconductor: Semiconductor Junctions. 1969 , 27, 874-879	3
1283 Superconducting Tunneling Effects in the Mixed State of Nb. 1969 , 27, 856-861	2
1282 Superconductivity and Magnetic Susceptibility of Zr2Collr2Ni System. 1969 , 26, 866-866	4
1281 The Specific Heat and Superconductivity of La-Ge System. 1969 , 27, 1463-1469	13
1280 Advances in superconductivity. 1969 , 22, 40-46	8
1279 Superconductivity of Tantalum-Rhenium Alloys. 1970 , 28, 380-389	17
Chapter 3 Experimental Properties of Pure He3 and Dilute Solutions of He3 in Superfluid He4 at Very Low Temperatures. Application to Dilution Refrigeration. 1970 , 6, 77-161	16
1277 Magnetic Properties of Superconducting Tantalum-Niobium Alloys. 1970 , 29, 1209-1224	10
1276 Acoustic surface wave energy-gap and mixed-state study of Pb films. 1970 , 32, 275-276	3
1275 Surface resistance of superconducting tin at 24 GHz. 1970 , 31, 21-22	3
1274 Realistic QTDA calculations in the odd-mass n = 82 isotones. 1970 , 158, 230-250	21
1273 Shell-model calculations on the N = 82 odd-proton nuclei (I). 1970 , 144, 481-501	41
The structure of open-shell nuclei in the pairing model. 1970 , 142, 225-237	8
1271 Collective treatment of the pairing Hamiltonian. 1970 , 143, 1-33	61

1270 Systematic analysis of isomeric ratios for (n, 2n) reactions at 14 MeV. 1970 , 152, 387-394	12
1269 The nature of the Hartree-Fock energy gap in finite nuclei. 1970 , 140, 74-80	6
1268 Electron pairing correlations in a Kondo metal. 1970 , 8, 1565-1567	1
1267 Zitterbewegung of quasiparticles in superconductors. 1970 , 50, 224-240	32
Generalized langevin approach to evaluate ultrasonic attenuation rate in superconductors. 1970 , 48, 597-604	1
Change in velocity of high frequency transverse sound at the superconducting transition temperature. 1970 , 31, 1677-1679	
Hypersonic attenuation in niobium in the mixed state. 1970 , 31, 1693-1700	1
Hamiltonians of quantum statistics and the model Hamiltonian of the theory of superconductivity. 1263 1970 , 4, 916-928	5
A theory of the resistive state of extremely inhomogeneous type II superconductors and the electron band model. 1970 , 20, 21-31	4
Superheating, supercooling, surface superconductivity and Ginzburg-Landau parameters of pure type-I superconductors and their alloys. 1970 , 12, 145-192	17
1260 Nuclear spin-lattice relaxation in the mixed state of superconducting niobium. 1970 , 11, 43-65	2
1259 Low-temperature properties of a dense charged bose gas. 1970 , 60, 464-483	30
On the Description of the Excited Paired States of Atomic Nuclei. 1970 , 479, 327-334	4
1257 Ultrasonic attenuation in a type II superconducting alloy. 1970 , 31, 1687-1691	5
1256 Low-temperature heat capacities of the clathrate salts Ag7O8NO3 and Ag7O8HF2. 1970 , 31, 2673-26	5 78 7
1255 Spin cut-off factors and the independent-pairing model. 1970 , 65, 100-106	3
1254 Structure of vortices in superconductivity. 1970 , 3, 153-158	11
Superfluid ground state of neutron matter and other strongly interacting many-fermion systems. 1253 1970, 3, 272-276	15

1252 Electromagnetic interaction of quasiparticles in superconductors. 1970 , 3, 439-449	2
1251 Spectroscopy of even tin isotopes by inelastic scattering of 24.5 MeV protons. 1970 , 147, 326-368	96
1250 Velocity of sound in superconducting lead for ql > 1. 1970 , 32, 333-334	1
Conditions for the existence of a mixed superconducting and excitonic phase in Semi-metals. 197 0 31, 260-261) , 6
1248 Dynamical properties of gapless superconductors. 1970 , 2, 161-172	15
The effect of nonmagnetic 4f resonances on the superconducting transition temperature:ThCe alloys. 1970 , 3, 537-544	49
A fluctuation-dissipation relation and its applications to thermodynamic fluctuations in superconducting cylinders. 1970 , 2, 305-322	1
Transition temperature and temperature dependence of the energy gap in thin film superconductors. 1970 , 3, 485-491	
Theory of Electromagnetic Waves in Metals and Their Interaction with Ultrasonic Waves (III). 1970 37, 465-522	47
1243 X-Ray Spectra, Energy Band Structure, and Superconductivity of V3X-Type Compounds. 1970 , 39, 3	39-47 1 ₇
1242 Specific Heat and Superconductivity of Binary Alloys Containing V, Nb, and Ta. 1970 , 40, 657-665	52
1241 Subdivision of the B.C.C. Transition Metals. 1970 , 40, 717-724	2
1240 Heavy holes and superconductivity in GeTe and SnTe. 1970 , 42, K97-K99	5
1239 PHYSICAL PROPERTIES OF TITANIUM ALLOYS. 1970 , 331-347	9
1238 Pseudopotentiale in der Theorie der Halbleiter. 1970 , 283-333	3
1237 Einflußon Punktdefekten auf die magnetischen Eigenschaften von Supraleitern II. Art. 1970 , 367-3	386 1
1236 Ultrasonic Attenuation in Normal Metals and Superconductors: Fermi-Surface Effects. 1970 , 149-2	118 6
1235 Thermal conduction in irreversible, type II superconductors. 1970 , 3, 2245-2265	3

The theory of ultrasonic absorption in a superconductor. 1970 , 3, 222-234	3
1233 Tunnelling measurements on superconducting alloy films in a perpendicular field. 1970 , 3, 1718-1726	
Superconductivity and Magnetic Susceptibility of Zr2Co-Zr2Ni System. 1970 , 29, 879-884	13
Effect of localized spin fluctuations on the superconducting critical temperature of dilute alloys. 1970 , 3, 2130-2139	13
Deduction of superconducting energy gaps from ultrasonic attenuation data. 1970 , 3, 438-447	4
Comparison of Three Self-Consistent Ground States for the Linear Heisenberg Antiferromagnet. 1229 1970 , 53, 326-333	20
1228 Transition Metals and the Frillich Mechanism for Superconductivity. 1970 , 2, 3560-3571	36
Microwave-Absorption Determination of the Anisotropic Energy Gap in Superconducting Zinc. 1970 , 1, 3629-3630	11
Correlation of the Superconducting Transition Temperature with an Empirical Pseudopotential Determined from Atomic Spectra. 1970 , 2, 3571-3577	8
1225 Magnetic Hyperfine Structure of Muonic Atoms. 1970 , 2, 102-109	11
1224 Interaction Between Electrons and Moving Dislocations in Superconductors. 1970 , 24, 1055-1059	39
1223 Subharmonic Structure in Superconducting Tunneling. 1970 , 1, 4278-4288	40
Properties of a Simplified Liquid 4He Ground State. 1970 , 11, 1845-1852	4
1221 Equilibrium Theory of Liquid Helium-Four at Absolute Zero. 1970 , 2, 948-961	6
Evidence for the Electron-Phonon Interaction in the Superconductivity of a Transition Metal-Tantalum. 1970 , 24, 1104-1107	65
1219 Superconductive Properties of the Excitonic Insulator. 1970 , 2, 140-147	5
1218 Case for a Second Energy Gap in Superconducting Niobium. 1970 , 2, 4511-4516	41
1217 Isotope Effect in Superconducting Cadmium. 1970 , 2, 4442-4444	9

1216	Ultrasonic Longitudinal-Wave Attenuation in Superconducting Mercury. 1970, 2, 122-128	3
1215	Attractive Electron-Electron Interaction Induced by the Dynamical Jahn-Teller Effect Involving Degenerate Impurity Orbitals: A Theory of the Impurity Enhancement of the Superconductive Transition Temperature in Dilute Alloys. 1970 , 2, 2500-2511	4
1214	Anisotropic Superfluidity in Neutron Star Matter. 1970 , 24, 775-777	192
1213	Strong-Coupling Superconductors, the MBsbauer Effect, and Localized Impurity Modes. 1970 , 1, 1103-1106	8
1212	Treatment of Pairing in Many-Body Systems by an Equation-of-Motion Method. 1970 , 1, 1071-1078	5
1211	Study of Fermi-Surface Topology Changes in Rhenium and Dilute Re Solid Solutions from Tc Measurements at High Pressure. 1970 , 1, 214-221	62
121 0	Hypersound Attenuation in Superconductors by Quasiparticle Creation. 1970 , 25, 1649-1652	14
1209	Pure Nuclear Quadrupole Resonance in Superconducting and Normal Double-hcp La139 Metal. 1970 , 1, 1265-1266	18
1208	Role of Phonons and Band Structure in Metal-Insulator Phase Transition. 1970 , 25, 376-380	66
1207	Chapter 5 Superconductivity in Semiconductors and Semi-Metals. 1970 , 6, 205-242	40
1206	Rotational Spectra of the Ground-State Bands of Even Nuclei by the Generator-Coordinate Method. 1970 , 2, 1304-1318	10
1205	Validity of the Strutinsky Shell-Correction Theory. 1970 , 2, 871-876	11
1204	Two Kinds of Bosons and Bose Condensates. 1970 , 42, 1-11	167
1203	Proximity Effect of Superconductors in High Magnetic Fields. 1970 , 1, 221-228	9
1202	Pairing Treatment of Interacting Localized Moments in Dilute Magnetic Alloys. 1970 , 1, 2191-2198	2
1201	Surface States in Superconducting Indium. 1970 , 1, 1031-1039	14
1200	Superconducting Penetration Depth of Lead. 1970 , 2, 2519-2526	39
1199	Specific Heat of Rhenium between 0.15 and 4.0 K. 1970 , 1, 188-192	25

1198	Thermal Conductivity of Normal and Superconducting Indium-Lead Alloys. 1970, 2, 3533-3540	6
1197	Lead-Alloying Effects on the Superconducting Critical Field Curve of Indium. 1970 , 2, 3991-4001	7
1196	Model of a Clean Superconductor Containing a Random Array of Vortices. 1970 , 1, 169-180	14
1195	AnomalousHc3Hc2nearTcin Pb-In and Critical Phenomena in the Superconducting Sheath. 1970 , 2, 105-108	8
1194	Theory of Electron Spin Resonance in Type-I Superconductors. 1970 , 2, 2555-2560	16
1193	Influence of the Phonon Spectra of In-Tl Alloys on the Superconducting Transition Temperatures. 1970 , 2, 644-656	84
1192	Ultrasonic-Attenuation Studies in Superconducting Lead. 1970 , 2, 100-104	12
1191	Ultrasonic Attenuation in a Superconducting Vanadium-Tantalum Alloy. 1970 , 2, 625-637	8
1190	Magnetic Susceptibility and Low-Temperature Specific Heat of High-Purity Titanium. 1970, 2, 235-244	38
1189	Characteristic Lengths ⅓ and Љf BCS Theory. 1970 , 24, 940-941	11
1188	Chapter 4 Pressure Effects in Superconductors. 1970 , 6, 163-203	18
1187	Chapter 6 Superconducting Point Contacts Weakly Connecting Two Superconductors. 1970 , 6, 243-290	10
1186	On the structure of the paired states. 1970 , 3, 520-523	1
1185	Projection in the occupation-number space and the canonical transformation. 1970 , 3, 8-20	51
1184	Coherence-a Sticky Subject. 1970 , 9, 2414-22	5
1183	Magnetic impurities in metals: The std exchange model. 1970 , 1-76	22
1182	Magnetic Field Splitting of the Quasiparticle States in Superconducting Aluminum Films. 1970 , 25, 1270-1272	207
1181	Josephson Effect in a Superconducting Ring. 1970 , 2, 109-121	184

1180	Theory of Dilute Magnetic Alloys. 1970 , 183-281	219
1179	Apparent Two Energy Gaps in Pure Niobium. 1971 , 4, 854-862	30
1178	Single-Particle Levels of Nonspherical Nuclei In The Region 150. 1971 , 43, 424-478	144
1177	Finite-Voltage Behavior of Lead-Copper-Lead Junctions. 1971 , 4, 2963-2977	49
1176	Relationship of Flux Quantization to Charge Quantization and the Electromagnetic Coupling Constant. 1971 , 3, 306-345	36
1175	The metallurgical enhancement of type II superconductors. 1971 , 34, 821-873	44
1174	Fluctuation Effects in the ac Conductivity of Thin Superconducting Lead Films at Microwave Frequencies. 1971 , 4, 3938-3951	22
1173	Low-temperature heat capacity of metals. 1971 , 2, 467-553	140
1172	Spin-Dependent Tunneling into Ferromagnetic Nickel. 1971 , 26, 192-195	367
1171	Transition Temperature of Narrow-Band Superconductors. 1971 , 4, 2162-2174	66
1170	The method of the correlation function in superconductivity theory. 1971 , 1-215	9
1169	Electron-Phonon Effects in the Infrared Properties of Metals. 1971 , 3, 305-320	349
1168	A Survey of Nonrotational States of Deformed Odd-A Nuclei (150. 1971 , 43, 348-423	292
1167	The Fermi surface. II. d-block and f-block metals. 1971 , 20, 1-141	38
1166	Intermetallic rare-earth compounds. 1971 , 20, 551-660	421
1165	The effect of the superconducting state on stress relaxation in lead-temperature dependence. 1971 , 5, 63-69	28
1164	Electronics with superconducting junctions. 1971 , 24, 30-37	50
1163	Remarks on the Isotopic Volume Effect in Superconductors. 1971 , 30, 932-940	4

1162	Supraleitung. 1971 , 58, 177-183	1
1161	Critical magnetic fields of a Kondo superconductor:ZnMn. 1971 , 5, 683-699	33
1160	Intermediate state of thin superconductors. 1971 , 4, 41-63	33
1159	Ultrasonic attenuation of longitudinal and shear waves in the normal and superconducting states of niobium. 1971 , 4, 97-109	10
1158	The Bogoliubov-Valatin quasiparticles in a finite superconductor. 1971 , 5, 495-498	1
1157	Proximity effect in gadolinium-backed lead films. 1971 , 4, 317-329	5
1156	The superconductivity and magnetic susceptibility of some zirconium-transition-metal compounds; evidence for an anticorrelation. 1971 , 4, 489-501	35
1155	Kollektives Kernmodell und Quasiteilchen-Anregungen. 1971 , 19, 201-299	10
1154	Superconductivity in the pseudobinary alloys V3Si?Nb4Al. 1971 , 4, 387-390	8
1153	Empirical Determination of the Electronic Specific Heat Enhancement Factor in Transition Metal Alloy Superconductors. 1971 , 43, K123-K127	4
1152	Anisotropie in kubischen Supraleitern. 1971 , 45, 453-465	22
1151	Temperature dependence of the creep strain jump in lead and indium at the transition to superconductivity. 1971 , 48, 381-386	9
1150	Calculation of nuclear rotational energies. 1971 , 160, 471-481	34
1149	Rotational levels of deformed doubly even nuclei. 1971 , 162, 173-192	1
1148	On quasiparticle interactions in the spherical N = 82 doubly even nuclei. 1971 , 164, 113-139	75
1147	Superfluid condensation energy of neutron matter. 1971 , 174, 49-62	64
1146	The jump in the specific heat of a pure rhenium superconductor as evidence of the two-band effect. 1971 , 35, 39-40	2
1145	Elastic softening and superconductivity in V3Si. 1971 , 37, 409-410	7

1144	The metastable constitution and the superconducting transition behavior of Zr?Ta alloys. 1971, 38, 83-87	3
1143	Magneto-optical observation of the flux structure in superconducting lead films near the critical film thickness. 1971 , 9, 1183-1186	7
1142	The superconducting energy gap of NbSe2. 1971 , 9, 1881-1884	54
1141	Strong coupling superconductivity of Pb0.7Bi0.3 alloys. 1971 , 9, 1961-1964	14
1140	Parallel critical magnetic fields of Pb/Cu double layers. 1971 , 9, 2177-2181	6
1139	Anisotropy in the length change of gallium single crystals at their superconducting transition. 1971 , 9, 2225-2228	10
1138	Surface-resistance measurements in TE011-mode cavities of superconducting indium, lead and an indium-lead alloy at low and high RF magnetic fields. 1971 , 54, 137-159	28
1137	Superconductivity in very small particles. 1971 , 55, 173-185	5
1136	Density of states and resistive transitions in the fluctuation regime above Tc. 1971 , 55, 275-278	6
1135	High-field fluctuation superconductivity in a bulk extreme-type-II superconductor. 1971 , 55, 311-316	9
1134	Preferred direction tunneling into a superconductor. 1971 , 55, 462-470	6
1133	Low-temperature annealing effects upon the superconducting properties of V3Au. 1971 , 55, 523-533	23
1132	Ultrasonic attenuation in superconducting molybdenum-rhenium alloys. 1971 , 55, 631-635	5
1131	The superconducting properties of strong coupling Pb-In alloys. 1971 , 55, 636-642	3
1130	Penetration depth in superconducting aluminum as a function of magnetic field and temperature. 1971 , 55, 649-655	3
1129	Hypersound attenuation in superconducting molybdenum. 1971 , 55, 656-661	
1128	Critical magnetic fields of aluminium, gallium and thorium under pressure and the isotope effect of cadmium. 1971 , 55, 663-668	21
1127	Generalized McMillan equation. 1971 , 55, 669-677	16

1126	Calculation of the penetration depth and electromagnetic absorption edge for strong-coupling superconductors. 1971 , 55, 678-690	22
1125	Electron-dislocation interaction in superconductors. 1971 , 55, 772-779	3
1124	Drift instability of electron-phonon systems. 1971 , 2, 93-106	
1123	Chaleur spāifique d∃lliages de structure A 15. 1971 , 13, 22-58	25
1122	Methods of studying nuclear structure. 1971 , 30, 41-47	
1121	On the ultrasonic attenuation in multigap superconductors. 1971 , 1, 949-952	1
1120	Two-neutron transfer reactions on nuclei in the transitional region. 1971 , 37, 473-476	21
1119	Pairing correlation in excited nuclei with non-zero angular momentum. 1971 , 35, 379-382	14
1118	Spin waves and the BCS model. 1971 , 23, 319-342	12
1117	Single-particle and collective excitations in a solvable many-fermion system. 1971 , 65, 249-264	2
1116	Steady state measurements of the quasiparticle lifetime in superconducting aluminium. 1971 , 1, 290-308	60
1115	Spin-Orbit Coupling and Nuclear Magnetic Resonance in Superconducting Metals. 1971 , 4, 893-903	24
1114	Dislocation Inertial Effects in the Plasticity of Superconductors. 1971 , 4, 2196-2201	123
1113	Pressure Dependence of the Knight Shift in Al and Nb Metal. 1971 , 3, 1574-1588	14
1112	Investigation of the Superconducting-Energy-Gap Behavior of Single-Crystal Rhenium by Tunneling. 1971 , 4, 2988-2996	10
1111	General Derivation for Spin Paramagnetic Susceptibility of Electrons in a Superconductor. 1971 , 3, 2946-2949	2
1110	Anomalous Ultrasonic Attenuation in Pure Superconducting Nb. 1971 , 27, 1128-1131	19
1109	Effect of Tin Additive on Indium Thin-Film Superconducting Transmission Lines. 1971 , 42, 97-102	8

Some Superconducting Intercalation Complexes of TaS2 and Substituted Pyridines. 1971 , 55, 3525-3530	138
Enhancement of the Superconducting Transition Temperatures of TiMo (5, 7 at.%) Alloys by Mechanical Deformation. 1971 , 42, 5144-5150	11
Phase Transition of Thin-Film Superconducting Cylinders in a Magnetic Field. I. Parallel-Field Measurements. 1971 , 4, 824-843	16
1105 Theory of the Electronically Induced Crystallographic Transition. 1971 , 27, 404-406	7
1104 Study of Supercooling and Thermal Conductivity in Superconducting Molybdenum. 1971 , 4, 2977-2987	10
Off-Diagonal Long-Range Order and the Momentum Distribution of Electron Pairs in Superconductors, and Helium Atoms in Liquid He4. 1971 , 4, 777-788	5
Quantum Field Theory for Bosons with Condensed Phase at a Finite Temperature. 1971 , 4, 394-407	3
1101 Superfluidity inHe3: Inhibition by Polarization. 1971 , 3, 372-382	8
1100 Tunneling into Weakly Coupled Films of Aluminum and Tin in Proximity. 1971 , 3, 2243-2252	41
1099 Superconductivity and Lattice Dynamics of White Tin. 1971 , 3, 4065-4073	36
Superconductivity and Lattice Dynamics of White Tin. 1971 , 3, 4065-4073 1098 Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971 , 26, 1311-1314	36 6
1098 Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971 , 26, 1311-1314	6
Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971 , 26, 1311-1314 1097 Augmented-Plane-Wave Calculation of Energy Bands in Simple Cubic Tellurium. 1971 , 4, 2321-2324	6
Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971, 26, 1311-1314 1097 Augmented-Plane-Wave Calculation of Energy Bands in Simple Cubic Tellurium. 1971, 4, 2321-2324 1096 Dislocation Inertial Model for the Increased Plasticity of the Superconducting State. 1971, 27, 660-664 Resonance Scattering and Spatial Variation of the Order Parameter in Superconducting Alloys.	6 6 76
Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971, 26, 1311-1314 1097 Augmented-Plane-Wave Calculation of Energy Bands in Simple Cubic Tellurium. 1971, 4, 2321-2324 1096 Dislocation Inertial Model for the Increased Plasticity of the Superconducting State. 1971, 27, 660-664 Resonance Scattering and Spatial Variation of the Order Parameter in Superconducting Alloys. 1971, 3, 2962-2969 Addendum to the Theory of Ultrasonic Attenuation in Pure Two-Band Superconductors in High	6 6 76
Photoelectric Observation of the Superconducting Energy Gap in Lead. 1971, 26, 1311-1314 1097 Augmented-Plane-Wave Calculation of Energy Bands in Simple Cubic Tellurium. 1971, 4, 2321-2324 1096 Dislocation Inertial Model for the Increased Plasticity of the Superconducting State. 1971, 27, 660-664 1095 Resonance Scattering and Spatial Variation of the Order Parameter in Superconducting Alloys. 1971, 3, 2962-2969 Addendum to the Theory of Ultrasonic Attenuation in Pure Two-Band Superconductors in High Fields. 1971, 3, 3960-3965	6 6 76 1

1090	Measurement of the Surface Inductance and Penetration Depth of Superconducting Aluminum. 1971 , 4, 74-82	18
1089	Arylsulfimide Polymers. VIII. The Conductivity of Dye Salts of Sulfonated Heteroaromatic Polymers. 1972 , 6, 51-64	1
1088	Quantum metrology - standards of measurement based on atomic and quantum phenomena. 1972 , 35, 463-528	10
1087	Low-Temperature Heat Capacity of LaRu2, CeRu2, and CeRu2NPtx. 1972 , 6, 3286-3296	50
1086	Theory of Surface Energies in Pure Superconductors. 1972 , 6, 1-18	14
1085	Electronic Structure of Superconductors with Dilute Magnetic Impurities. 1972 , 6, 2617-2631	14
1084	Magnetoelastic Properties of Superconducting Niobium. 1972 , 5, 3593-3604	4
1083	Anisotropy and Strong-Coupling Effects on the Critical-Magnetic-Field Curve of Elemental Superconductors. 1972 , 6, 827-831	39
1082	Electrical Resistivity and the Depression of the NBI Temperature in Cr-Mo and Cr-Fe. 1972 , 5, 1163-1170	16
1081	Superconducting Transition Temperature, Lattice Instability, and Electron-to-Atom Ratio in Transition-Metal Binary Solid Solutions. 1972 , 5, 4435-4449	50
1080	Phonon Fluorescence in Superconductors and the Propagation Characteristics of High-Frequency Phonons in Ge: Sb and Al2O3: V3+. 1972 , 6, 143-171	69
1079	Density Matrix Study of Atomic Ground and Excited States. II. Beryllium 1S Excited State. 1972 , 57, 4018-4028	3
1078	Observation of Lattice Stabilization of V3Si in High Magnetic Fields. 1972 , 29, 931-934	71
1077	Temperature Dependence of the Effective fflExchange Interaction in Rare-Earth Metals. 1972 , 6, 911-923	2
1076	Ginzburg-Landau Theory of Anisotropic Superfluid Neutron-Star Matter. 1972 , 5, 1883-1896	35
1075	Chemistry of high-temperature superconductivity in the NbN family. 1972 , 43, 3560-3566	23
1074	Self-Consistent Pair Potential in an Inhomogeneous Superconductor. 1972 , 28, 1556-1559	50
1073	Superconducting Energy Gap of Thorium Determined by Electron Tunneling. 1972 , 5, 4364-4367	11

1072	Emitted Phonon Spectrum and Its Influence on the Detected Signal in Superconducting Sn Diodes. 1972 , 5, 4390-4403	32
1071	Specific-Heat and Magnetic Measurements in Superconducting Ta-Nb Alloys. 1972 , 6, 2609-2617	15
1070	Spurious First-Order Phase Transitions in the Self-Consistent Phonon Approximation. 1972 , 28, 895-897	44
1069	Pressure-Induced Electron Transition in AuGa2. 1972 , 28, 1127-1129	22
1068	Quasisecular Renormalization of the A Model of Quantum Field Theory. 1972 , 6, 520-528	6
1067	Bound Roton Pairs in Superfluid Helium. 1972 , 5, 399-421	110
1066	Criticism of the Single-Particle-Green's-Function Approach to the Excitation Spectrum of Superfluid Liquid Helium. 1972 , 5, 338-341	4
1065	Supermobility and Zero Sound in Dilute He3-He4 Mixtures under Pressure. 1972 , 5, 1963-1966	10
1064	Superconductivity Mechanisms and Covalent Instabilities. 1972 , 29, 1551-1554	25
1063	Critical-Field Curve of Superconducting Lead. 1972 , 5, 4357-4364	22
1062	Superconducting Behavior of Thin Films and Small Particles of Aluminum. 1972 , 5, 54-66	21
1061	Penetration Depth and Flux Creep in Thin Superconducting Indium Films. 1972 , 5, 4421-4434	13
1060	Self-Consistent Energy Bands in Vanadium at Normal and Reduced Lattice Spacings. 1972 , 5, 1214-1221	105
1059	Fluctuation Contributions to the Heat Capacity of Amorphous Superconducting Films. 1972 , 6, 4142-4150	17
1058	Superconductivity and superconducting Materials. 1972 , 11, 285-294	2
1057	Transport Properties of a Dirty Two-Band Superconductor in the Mixed State near Hc2. 1972 , 6, 172-177	6
1056	Tunneling Generation, Relaxation, and Tunneling Detection of Hole-Electron Imbalance in Superconductors. 1972 , 6, 1747-1756	224
1055	Superconducting State under the Influence of External Dynamic Pair Breaking. 1972 , 28, 1559-1561	226

1054 Theory of Pair-Quasiparticle Potential Difference in Nonequilibrium Superconductors. 1972 , 28, 1366-1369	216
1053 On the AC conductivity of thin superconducting films in the transition region. 1972 , 2, 1114-1123	3
1052 Pressure induced superconductivity in cesium. 1972 , 2, L123-L128	23
1051 Supraleiter mit hoher Bergangstemperatur. 1972 , 627-640	1
1050 Gap anisotropy in a weak coupling superconductor. 1972 , 70, 338-377	52
High resolution magneto-optical studies of the intermediate state in thin film superconductors. 1049 1972, 12, 100-108	45
1048 Surface Interaction model for doubly open shell nuclei. 1972 , 186, 88-96	11
1047 Coulomb excitation of 73Ge and quasiparticle-phonon coupling theories. 1972 , 192, 312-328	23
1046 Proton superfluidity in neutron-star matter. 1972 , 179, 320-332	73
1045 Statistical description of a paired nucleus with the inclusion of angular momentum. 1972 , 185, 145-165	130
1044 Stability of nuclear rotational states. 1972 , 190, 471-488	6
Influence of the phonon spectrum and the Coulomb interaction on the jump in the specific heat of superconductors. 1972 , 42, 11-12	
1042 Study of ultrasonic absorption in the intermediate state of pure superconducting tin. 1972 , 39, 31-32	9
1041 Microwave properties of superconducting Pb-In wires. 1972 , 41, 465-466	2
1040 Transport entropy and tunneling between vortices in type I superconductors. 1972 , 38, 13-14	4
1039 Superfluidity in neutron stars. 1972 , 39, 285-286	
1038 Effect of strain on ultrasonic attenuation in superconductors. 1972 , 59, 693-696	3
1037 Critical magnetic field of strong coupling superconductors. 1972 , 11, 539-542	8

1036	A new experimental technique for determining the BCS interaction parameter in normal metals. 1972 , 11, 689-693	16
1035	Density of states of superconductors with overlapping bands. 1972 , 10, 409-411	1
1034	On strain delay time at the superconducting transition. 1972 , 14, 271-275	8
1033	Correlation effects in Eelectron systems. 1972 , 12, 684-697	1
1032	The volume change at the superconducting transition of lead and aluminum. 1972 , 9, 331-343	13
1031	Transverse and longitudinal ultrasonic attenuation measurements of the superconducting energy gap in high-purity rhenium. 1972 , 9, 415-424	
1030	Superconductivity at high pressure in the A15 compounds. 1972 , 6, 171-195	142
1029	Effect of manganese on the superconductivity of aluminum. 1972 , 6, 435-443	13
1028	Low-field entropy of vortices in superconductors. 1972 , 33, 1571-1581	10
1027	Neutron diffraction studies of dilute Cr-Re single crystal alloys. 1972 , 33, 1651-1663	30
1026	Topologically close-packed structures of transition metal alloys. 1972 , 15, 81-185	187
1025	Thermodynamic critical field of superconducting neutron star matter. 1972 , 4, 969-972	6
1024	The boson method in superconductivity: Application to the study of the Josephson effect. 1972 , 9, 233-258	3
1023	Thermal conductivity of two-band superconductors with an impurity. 1972 , 13, 1099-1112	O
1022	Investigation of the electron-state densities in two-band super conductors with a nonmagnetic impurity. 1972 , 12, 809-822	3
1021	On the model Hamiltonian of the theory of superconductivity. 1972 , 10, 189-200	5
1020	Low temperature heat capacity of some rare earth aluminum Laves phase compounds: YAl2, LaAl2 and LuAl2. 1972 , 33, 401-407	96
1019	High frequency local modes, superconductivity and anomalous isotope effect in PdH(D) systems. 1973 , 265, 433-439	122

1018	Number-conserving treatment of the BCS-Tamm-Dancoff approximation for deformed rare-earth nuclei. 1973 , 260, 231-246	2
1017	Magnetic field dependence of the Peierls instability in one-dimensional conductors. 1973 , 265, 239-243	49
1016	Field theory of the two-dimensional Ising model: Equivalence to the free particle one-dimensional Dirac equation. 1973 , 8, 265-278	26
1015	Investigation of energy-gap anisotropy in superconducting aluminum, cadmium, and zinc. 1973 , 11, 687-714	17
1014	Calculation of phonon-induced gap anisotropy in superconducting Zn. 1973 , 12, 31-47	3
1013	Temperature dependence of the elastic constants of niobium and lead in the normal and superconducting states. 1973 , 12, 153-169	28
1012	Quasiparticle phenomenology for thermodynamics of strong-coupling superconductors. 1973 , 12, 387-411	324
1011	Critical field for superconductivity and low-temperature normal-state heat capacity of tungsten. 1973 , 12, 499-518	18
1010	Application of the renormalization group technique to the problem of phase transition in one-dimensional metallic systems. I. Invariant couplings, vertex, and one-particle Green's function. 1973 , 12, 529-545	184
1009	Correlation between anisotropy in the normal-state mass renormalization and anisotropy in the superconducting energy gap for zinc. 1973 , 12, 601-629	17
1008	A conserving approximation evaluation of superfluid density within the pair theory of superfluids. 1973 , 11, 93-115	14
1007	The description of superconductivity in terms of dielectric response function. 1973 , 10, 79-93	126
1006	Plasticity of lead single crystals in the superconducting and normal states at 4.2K. 1973 , 10, 167-183	25
1005	The Influence of the Superconducting Phase Transition on the Plastic Properties of Metals and Alloys. 1973 , 58, 9-42	49
1004	The spectral density method applied to systems showing phase transitions. 1973 , 59, 9-46	78
1003	Rapid variation of the superconducting transition temperature in the Al12Mg17 phase. 1973 , 60, 157-160	6
1002	Plasticity of niobium and niobium-molybdenum single crystals in the superconducting and normal states. 1973 , 21, 813-820	13
1001	The pairing model. 1973 , 80, 60-85	33

1000	Superconductivity and macroscopic quantum phenomena. 1973 , 77, 79-105	12
999	Statistical mechanics of superfluid models. 1973 , 75, 38-55	Ο
998	Use of superconductors in thermal insulations. 1973 , 13, 83-84	1
997	Quantum theory of Josephson radiation. 1973 , 2, 215-291	9
996	Superconductivity, normal state electrical and structural properties of Nb/Al2O3 cermet films. 1973 , 15, 39-53	11
995	Density matrix approach to the Inglis cranking model: Reorientation effect, excited bands, transitions within the ground-state band and the yrast line, nuclear moments of inertia. 1973 , 212, 27-44	4
994	A new Fray cascade model for isomeric ratio calculations. 1973 , 213, 349-357	4
993	Shell effects in a paired nucleus for finite excitation energies. 1973 , 203, 578-596	135
992	The 76Se(d, t) reaction and a coriolis coupling theory of anomalous states in 1g12 nuclei. 1973, 216, 173-187	32
991	Collective motions of the isospin degrees of freedom of a system of paired nucleons. 1973 , 212, 317-340	3
990	Coriolis-coupling calculation of low-lying states in Ru, Pd and Cd isotopes. 1973 , 205, 531-544	36
989	Superconducting tunnel junctions as very fast detectors. 1973 , 43, 537-538	3
988	A Landau theory of the Peierls-BCS transition. 1973 , 45, 367-368	3
987	Coexistence of superconductivity and magnetism. 1973 , 43, 455-456	2
986	Nuclear rotation at high angular velocities. 1973 , 7, 182-222	34
985	Theory of a quasi-one-dimensional band-conductor. 1973 , 13, 125-128	310
984	Superconducting fluctuations and the peierls instability in an organic solid. 1973 , 12, 1125-1132	918
983	Repulsive effect of low frequency phonons on superconductivity. 1973 , 12, 379-383	28

982	Experimental properties of the extraordinary phases of liquid 3He at millikelvin temperatures. 1973 , 69, 218-244	41
981	Superconductivity in ternary alloys of transition metals. 1973 , 69, 308-316	6
980	Theory of superconductivity for rigid boundaries. 1973 , 65, 187-197	
979	Exact solution of Zener's s-d exchange interaction model. 1973 , 66, 611-621	7
978	Dynamic theory of the electronically induced crystallographic transition. 1973 , 66, 315-330	
977	Ginzburg-Landau theory for superconductors. 1973 , 36, 103-158	125
976	Computation of the boson characteristic function. 1973 , 7, 125-128	8
975	The range of validity of the critical-velocity model in superconductors. 1973 , 23, 1057-1067	2
974	Champs magnEiques de nuclEition pour un supraconducteur en contact avec un mEal normal. 1973 , 16, 53-93	
973	An alternative formulation of the theory of superconductivity. 1973 , 16, 319-326	
972	The critical temperature and pairing in parton models. 1973 , 47, 255-257	1
971	A Ginzburg-Landau equation with non-local correction for superconductors in zero magnetic field. 1973 , 334, 171-192	8
970	Spin Polarization of Electrons Tunneling from Films of Fe, Co, Ni, and Gd. 1973 , 7, 318-326	434
969	Conductivity, Superconductivity, and the Peierls Instability. 1973 , 31, 631-634	98
968	Effects of Magnetic Field on the "A" Transition in Liquid He3. 1973 , 8, 1633-1637	37
967	Bose Condensation and Momentum Distribution in a Simplified Liquid-He4 Ground State. 1973 , 8, 2009-2016	5
966	My years with Landau. 1973 , 26, 56-60	6
965	High field superconductivity in thin films. 1973 , 22, 667-719	182

964	Properties of hadron states containing a condensed phase of quark-antiquark excitations. 1973 , 57, 557-574	7
963	Low-frequency applications of superconducting quantum interference devices. 1973 , 61, 8-19	65
962	7. Spectra of Gases, Liquids, and Solids in the Far-Infrared. 1973 , 10, 302-441	
961	Statistical treatment of open systems by generalized master equations. 1973 , 98-168	131
960	Electron-phonon interactions and superconductivity. 1973 , 181, 1209-14	14
959	Tunnelling in junctions with CdS barriers. 1973 , 44, 2813-2815	3
958	Effect of Nonmagnetic Localized States on the Superconducting Critical-Field Curves of ThU Alloys. 1973 , 8, 3179-3185	12
957	NMR lineshifts and spontaneously broken spin-orbit symmetry. I. General concepts. 1973 , 6, 3187-3204	50
956	Microscopic quantum interference in the theory of superconductivity. 1973 , 181, 908-16	6
955	A simple theory of the electron-phonon mass enhancement in transition metals. 1973 , 3, 39-54	98
954	Ultrasonic attenuation in superconductors: theory of the effect of 'Andreev' scattering. 1973 , 3, 1429-1437	6
953	Ultrasonic attenuation in niobium I: Purity dependence in normal and Meissner states, measurements and theory. 1973 , 3, 1596-1620	14
952	Ultralow temperatures-how and why. 1973 , 36, 423-496	17
951	Statistical Approach to Parton Models: Application to 90° Cross Sections. 1973 , 8, 3930-3937	4
950	Pressure Dependence of Elastic Constants and of Superconductivity for V3Ge. 1973, 8, 2505-2515	14
949	Comment on "Model for an Exciton Mechanism of Superconductivity". 1973 , 8, 4429-4432	59
948	Magnetic Field Dependence of the Surface Resistance of Pure and Impure Superconducting Aluminum at Photon Energies near the Energy Gap. 1973 , 7, 1001-1016	12
947	Nuclear Moment of Inertia at High Spin. 1973 , 45, 353-377	141

946	Calculation of the Temperature Dependence of the Electromagnetic Coherence Length in Superconductors. 1973 , 7, 146-149	4
945	Calorimetric investigation of Tl5Te3 superconductivity. 1973 , 44, 1356-1359	12
944	Ultrasonic Attenuation in Superconducting Molybdenum. 1973 , 8, 4175-4181	4
943	Nuclear Spin-Lattice Relaxation in Pure and Impure Indium. II. Superconducting State. 1973 , 8, 125-132	10
942	Influence of the Proximity Effect on the Electron Thermal Conductivity of Superconducting Thin-Film Sandwiches of Indium and Thallium. 1973 , 8, 5065-5071	11
941	Temperature Dependence and Low-Temperature Value of the Electromagnetic Goherence Length in Superconducting Pb and Pb0.9Bi0.1. 1973 , 8, 3190-3193	11
940	Spin-Paramagnetic Effects in Superconducting Aluminum Films. 1973 , 8, 5098-5108	43
939	Anomalous Ultrasonic Attenuation in Pure Superconducting Nb. 1973 , 7, 4123-4131	10
938	Superconducting Energy Gaps from Magnetization Measurements: Pb-In System. 1973 , 7, 1866-1874	16
937	Electromagnetic Properties of Point-Contact Josephson-Junction Arrays. 1973, 8, 137-162	75
936	Model for an Exciton Mechanism of Superconductivity. 1973 , 7, 1020-1029	415
935	Surface-Impedance Theory for Pure Type-I Superconductors in Large Static Magnetic Fields. 1973 , 8, 173-191	3
934	Fixed Particle Number and Angular Momentum Double-Projected BCS Wave Functions. 1973 , 8, 1585-1592	27
933	Experimental Investigation of Magnetic Field Dependence of Supercurrent in Multiply Connected Superconducting Films. 1973 , 8, 1061-1079	4
932	Superconductivity, Ferroelectricity, and the Mott Insulator. 1973 , 7, 2128-2132	21
931	Nuclear-Spin Relaxation and Knight Shift in Transition Metals. 1973 , 8, 1055-1060	17
930	Magnetic Measurements on Strong-Coupling Pb1@xBixTlx and Pb-In Superconducting Alloys. 1973 , 8, 162-168	5
929	Bound Magnon-Phonon Pairs in Metamagnetic Systems. 1973 , 31, 166-170	10

928	Coupled-Channel-Born-Approximation Analysis of "Allowed" and "Forbidden" Ne22(p,t)Ne20 Transitions. 1973 , 8, 609-620	16
927	Bare Density of States at the Fermi Level in V3Ga1⊠Snx: A Nuclear-Magnetic-Resonance Study. 1973 , 7, 4861-4873	35
926	Propagation of Collisionless Sound in Normal and Extraordinary Phases of Liquid He3 below 3 mK. 1973 , 30, 829-833	66
925	A Statistical Theory of Particle Production. 1973 , 8, 2284-2295	32
924	An Interstitial-Electron Model for the Structure of Metals and Alloys. VI. Interpretation of Superconductivity. 1973 , 46, 1935-1940	3
923	Electron-phonon interactions and superconductivity. 1973 , 26, 41-47	5
922	Microscopic quantum interference in the theory of superconductivity. 1973 , 26, 31-40	12
921	Electronic properties of one-dimensional solid state systems. 1973 , 31-58	98
920	Plasticity of lead alloy single crystals in the superconducting and normal states at 4.2 K. 1973 , 27, 633-649	18
919	Superconducting Materials Research. 1973 , 7, 179-184	5
918	Nuclear Quadrupole Spin-Lattice Relaxation of Ta181 in Type II Superconducting Ta3Sn. 1973 , 34, 1168-1179	14
917	NMR Studies of the A Phase of Liquid He3. 1974 , 32, 875-878	39
916	Dynamical properties of type-II superconductors: An experimental study. 1974 , 10, 1927-1942	10
915	Compensation conditions in the theory of superconductivity. 1974 , 10, 3844-3852	
914	Effects of interstitial oxygen on the superconductivity of niobium. 1974 , 9, 888-897	149
913	Formulation of many-body theory for composite particles. 1974 , 10, 323-337	12
912	Measurement of the coherence distance of a pure type-I superconductor. 1974 , 10, 2792-2798	16
911	Two-fluid hydrodynamic description of ordered systems. 1974 , 46, 705-753	50

910	Heat capacity of hexagonal tungsten bronzes. 1974 , 9, 3220-3228	54
909	Band-structure effects on superconductivity in dilute In-Cd alloys. 1974 , 9, 918-931	9
908	Ultrasonic attenuation in the mixed state of vanadium. 1974 , 10, 1859-1864	10
907	New instability in superconductors under external dynamic pair breaking. 1974 , 10, 4047-4049	57
906	Ultrasonic-attenuation determination of the anisotropic energy gap in superconducting zinc. 1974 , 10, 1902-1911	7
905	Singularities in the Galitskii-Feynman T matrix. 1974 , 10, 2423-2429	25
904	Phonon focusing and phonon conduction in hexagonal crystals in the boundary-scattering regime. 1974 , 9, 466-480	47
903	Conductivity of One-Dimensional Interacting Fermions. 1974 , 32, 714-717	48
902	Magnetic field attenuation by thin superconducting lead films. 1974 , 10, 1916-1926	18
901	An action principle for superconductivity. 1974 , 15, 547-551	4
900	Temperature and magnetic field dependence of the superconducting penetration depth in pure and impure aluminum single crystals. 1974 , 10, 2756-2763	19
899	Landau domain structure. II. Experiment. 1974 , 9, 2902-2910	12
898	The electromagnetic properties of superconductors. 1974 , 46, 587-596	24
897	Residual surface resistance of superconductors at microwave frequencies. 1974 , 24, 338-340	9
896	Temperature dependence ofHc3Hc2in pure vanadium. 1974 , 9, 2084-2089	5
895	Pattern-generators and technique for electron-beam fabrication of submicron thin-film bridges for superconductivity studies. 1974 , 45, 335-340	5
894	Surface superconductivity in niobium and niobium-tantalum alloys. 1974 , 9, 108-114	28
893	Transport properties of nonequilibrium superconductors. 1974 , 9, 4769-4774	12

892	Microwave impedance of a thin-film superconducting ring containing a Notarys proximity effect weak link. 1974 , 24, 149-151	10
891	Coriolis-coupling model applied to odd-neutron nuclear spectra of the 1g92 shell. 1974 , 10, 1509-1518	14
890	Cosine and other terms in the Josephson tunneling current. 1974 , 10, 84-94	111
889	Resonant coherent pairing of excitons in molecular crystals. 1974 , 10, 1741-1747	8
888	Effect of a semiconducting interface on the transition temperature of a superconductor: The image term. 1974 , 10, 872-875	6
887	Absorption of longitudinal ultrasound by superconducting indium and dilute alloys of tin in indium. 1974 , 9, 2936-2944	5
886	Effect of localized spin fluctuations on superconducting properties of dilute alloys. 1974 , 10, 95-104	9
885	Dislocation dragging by electrons in metals. 1974 , 16, 878-891	47
884	Specific Heat and Superconducting Properties of Zr-Mo Alloys. 1974 , 36, 1349-1355	11
883	A Persistent Electric Current Model of the Electron with a New Explanation for $g=2(1+2 1974, 37, 1183-1190)$	5
882	Supraleitung [Nobelpreise 1972 und 1973 (Teil I). 1974 , 30, 204-214	
881	Das Auto als Verschmutzer Berffirt. 1974 , 30, 267-268	
880	The Metallography and Superconductivity of Niobium-Rich NbAlae Alloys. 1974 , 8, 28-32	5
879	Josephson junction detectoi. 1974 , 184, 1235-42	30
878	The Microscopic Theory of Superconductivity Verifications and Extensions. 1974, 10, 5-34	1
877	Superconductivity in transition metal alloys: an alternative to the rigid band model. II. 1974 , 4, 120-135	28
876	Tabulation of the BRT function for the thermal conductivity ratio and the AG function for the depression of the critical temperature. 1974 , 14, 341-343	9
875	Does the Ewo-level atompicture of a josephson junction have a theoretical foundation in BCS?. 1974 , 88, 371-396	16

874	The spin dynamics of an anisotropic fermi supefluid (3He?). 1974 , 85, 11-55	185
873	Phase transformation and electron structure effects in Bi-Tl. 1974 , 22, 759-766	4
872	Einflulder Realstruktur auf einige Eigenschaften von Supraleitern. 1974 , 9, 533-550	4
871	On surface resistance of superconductors. 1974 , 266, 209-217	125
870	On the microscopic description of nuclei at high spins. 1974 , 271, 169-175	1
869	Dynamics of magnetic flux structures in superconductors. 1974 , 13, 143-189	16
868	Derivation and application of the boson method in superconductivity. 1974 , 10, 151-272	183
867	Thermal conductivity of the Kondo superconductor Zn-Mn. 1974 , 17, 101-120	12
866	Measurements of the relaxation of quasiparticle branch imbalance in superconductors. 1974 , 15, 491-522	70
865	Critical behavior of a charged Bose gas. 1974 , 15, 601-635	20
864	Thermal conductivity of Ta-Nb alloys in superconducting, mixed, and normal states. 1974 , 17, 575-594	10
863	Self-consistent pair potential in superconductors. I. The superconductor-insulator boundary nearT c. 1974 , 16, 73-85	18
862	Coherent potential approximation for nonmagnetic weak-coupling superconducting alloys. II. 1974 , 15, 269-280	
861	Problem of the Coexistence of Superconductivity and Ferromagnetism. 1974 , 61, 9-64	39
860	Temperature Dependence of the Specific Heat of Superconductors. 1974 , 61, 569-578	3
859	Obtaining a Consistent Set of Thermodynamic Variables for Real Superconductors. 1974 , 62, 573-584	
858	Brillouin zone effects on the critical temperature of superconductors and some related normal metal properties. 1974 , 10, 107-150	12
857	The use of positrons for the study of solids. 1974 , 9, 243-353	86

856	Theoretical investigation of rotational bands in odd-mass nuclei. 1974 , 225, 141-156	53
855	Temperature dependence of the heat capacity of a superconducting film in the vicinity of Tc. 1974 , 47, 359-360	7
854	Influence of the transition-metal impurities on the critical temperature of superconducting alloys. 1974 , 46, 327-328	
853	Superfluidity in liquid 3He condensation in the $L=2$ or $L=3$ state. 1974 , 71, 415-422	2
852	Coexistence of ferromagnetism and superconductivity in a superconducting alloy. 1974 , 74, 97-109	8
851	An exact calculation of the free energy in systems with separable interactions. 1974 , 72, 433-464	47
850	Some exact results in the boson formulation of superconductivity. 1974 , 77, 311-331	8
849	A complete computation of the boson characteristic function at $T = 0$ K. 1974 , 77, 332-342	8
848	Excitation spectrum and electromagnetic properties of the electron-exciton bound states in molecular crystals. 1974 , 77, 343-360	8
847	An exact calculation of the free energy in systems with separable interactions. II. 1974 , 75, 407-453	37
846	Influence of dilute nonmagnetic impurities on the peierls instability in one-dimensional conductors. 1974 , 14, 127-129	60
845	Temperature dependence of 🛭 for type-II superconductors. 1974 , 14, 1123-1125	3
844	Anisotropic heat conduction in cubic superconductors at very low temperatures. 1974 , 14, 919-922	11
843	Tunneling anomaly in junctions of extremely thin superconducting metal films. 1974 , 14, 353-355	2
842	Energy spectrum of collective excitations in the theory of superconductivity. 1974 , 10, 654-656	3
841	Total entropy density of a general superconductor. 1974 , 37, 17-29	1
840	Thickness and temperature dependence of the critical magnetic field of thin superconducting films of the aluminium group metals. 1974 , 37, 53-60	8
839	Superconductivity in ultrathin films I. Transition temperatures of amorphous Bi and Ga. 1974 , 18, 79-97	31

838	Some new aspects concerning the critical currents in superconductors with rigidly pinned vortex lattice. 1974 , 24, 457-462	2
837	Some effects of phonon dynamics on electron lifetime, mass renormalization, and superconducting transition temperature. 1974 , 9, 4733-4741	71
836	The superconductivity and structure of some ternary molybdenum sulphides. 1974 , 34, 125-130	14
835	Effects of a nonuniform current distribution on the kinetic inductance of a thin superconducting film. 1974 , 45, 5043-5049	15
834	Magnetic susceptibility studies of tetrathiofulvalene-tetracyanoquinodimethan (TTF) (TCNQ) and related organic metals. 1974 , 10, 3131-3139	144
833	Electrical conductivity of tetrathiofulvalinium tetracyanoquinodimethan (TTF) (TCNQ). 1974 , 10, 1298-1307	250
832	The Superconductivity of Alloys of a Transition Metal with Non-Transition Elements. 1974 , 37, 384-392	14
831	10. Superconducting Microwave Resonators**Part 10 is by John M. Pierce 1974 , 541-594	4
830	Hole-particle Formalism for the Electronic Spectra of Long Chain Polyenes. 1974 , 47, 735-738	3
829	7. Ultrasonic Studies of the Properties of Solids**Part 7 is by E. R. Fuller, Jr., A. V. Granto, J. Holder, and E. R. Naimon 1974 , 371-441	
828	Free energy and spin waves in superfluid 3He. 1975 , 411-426	
827	Results and problems in irreversible statistical mechanics of open systems. 1975 , 138-150	4
826	A theoretical description of the new phases of liquid He3. 1975 , 47, 331-414	1581
825	Analytical expressions for the dependence of superconducting parameters on alloy concentration. 1975 , 39, 167-170	
824	Exact asymptotic methods in the band theory of magnetism. 1975 , 24, 931-934	
823	Relaxation of electrons on impurities in super conductors. 1975 , 22, 264-274	3
822	Kinetic equations for relaxation processes in superconducting alloys. 1975 , 23, 388-394	1
821	Dynamical effects in superfluid helium 4. 1975 , 25, 1127-1138	2

820	A new method for solving the many-body boson problem. I. 1975 , 25, 595-632	9
819	The superconductivity of gold alloys. 1975 , 8, 114-118	5
818	Approximate projection of angular momentum and particle number in heavy nuclei. 1975 , 273, 47-55	10
817	Departures from chiral symmetry. 1975 , 16, 219-311	392
816	Semiempirical atomic mass formula. 1975 , 238, 491-532	163
815	Two models for josephson oscillators. 1975 , 90, 285-294	15
814	The Josephson junction as a macroscopic radiating atom. 1975 , 90, 18-47	13
813	Superconducting A-15 compounds: A review. 1975 , 15, 435-454	166
812	Dislocation resonance in superconducting tin. 1975 , 15, 517-520	3
811	Influence of particle number projection and residual interaction on the yrast bands in rare earth nuclei. 1975 , 239, 289-300	47
810	On the free energy in systems with separable interactions. III. 1975 , 79, 478-502	18
809	Possible preferential order-disorder in A15(EW type) compounds. 1975 , 17, 225-227	8
808	Ultrasonic attenuation in pure and Gd-Doped superconductors: LaSn3 and LaAl2. 1975 , 17, 241-244	6
807	Theory of the superconducting proximity effect below the transition temperature. 1975 , 17, 1137-1139	5
806	19F Nuclear spin-lattice relaxation in superconducting and normal tungsten fluoroxide bronzes. 1975 , 18, 545-549	
805	Concentration dependence of superconductivity in rubidium tungsten bronzes. 1975 , 12, 362-369	29
804	Metal-nonmetal transitions: Theoretical models. 1975 , 12, 383-392	7
803	Review paper: Recent advances in thermometry below 300 mK. 1975 , 20, 1-102	47

802	On properties of superconducting alloys containing Kondo impurities. 1975 , 20, 123-154	45
801	Linearized kinetic equations and relaxation processes of a superconductor near T c. 1975 , 20, 207-227	340
800	Contact resistance as a measure of the superconducting order parameter. 1975 , 19, 75-82	2
799	Superconductivity in Pb under pressure. 1975 , 18, 457-466	5
798	Charge-transfer biexciton spectra of molecular crystals. 1975 , 18, 519-536	1
797	Phase coherence in two-band superconductors. 1975 , 18, 1-2	4
796	Superconductivity-type fluctuations in the electronic spectra of charge-transfer organic solids. 1975 , 20, 285-299	1
795	Diamagnetic properties of the electron-exciton bound states in charge-transfer organic solids. 1975 , 20, 301-312	1
794	Self-consistent pair potential in superconductors. II. Superconductor-magnetic insulator boundary at low temperatures. 1975 , 18, 343-354	
793	Theory of the superconducting proximity effect. 1975 , 20, 439-477	37
792	Bound-state pairing singularities in the 3He Galitskii-Feynman T-matrix: Temperature dependence. 1975 , 20, 573-584	15
791	Microtheoretical estimation of laser influence on superconductivity. 1975 , 69, 655-659	2
790	Instability of Crystal Lattices with Respect to Electron Density Redistributions. 1975, 71, 11-57	41
789	Laser influence on superconductivity at finite temperature. 1975 , 72, K153-K156	
788	Intermediate state in superconducting neutron star. 1975 , 9, 134-143	1
787	Electromagnetic excitation spectrum of the Peierls phase. 1975 , 184-193	
786	Josephson tunneling: An example of steady-state superradiance. 1975 , 12, 130-133	10
785	Amorphous superconducting lanthanum-gold alloys obtained by liquid quenching. 1975 , 11, 150-154	89

784	Transverse electromagnetic response in superconductors by acoustic techniques. I. Anomalies in the electromagnetic response in niobium. 1975 , 11, 3362-3373	6
783	Theoretical predictions of electromagnetic properties of 1g92 odd-neutron nuclei in the Coriolis coupling model. 1975 , 12, 1006-1016	8
782	Phenomenological approach to high-transition-temperature superconducting alloys. 1975 , 12, 4816-4824	10
781	Ultrasonic attenuation of silver ions in RbAg4I5 single crystals. 1975 , 11, 2711-2716	33
780	Superconductive tunneling in vanadium with gaseous impurities. 1975 , 12, 4882-4885	22
779	Spatial organization of chemical oscillators via an averaging operator. 1975 , 63, 5269-5273	10
778	Dynamical symmetry breaking on a lattice. 1975 , 12, 3251-3256	6
777	Theory of the upper critical field in layered superconductors. 1975 , 12, 877-891	520
776	Superconducting proximity effect in the strong-coupling limit. 1975 , 12, 4870-4873	16
775	Theory of the arrest of elastic softening in superconducting Wcompounds. 1975 , 12, 1093-1097	12
774	Nonequilibrium quasiparticle current at superconducting boundaries. 1975 , 12, 4909-4916	36
773	Self-consistent orthonormalization and the BCS treatment of the charge-independent pairing correlation. 1975 , 12, 1650-1658	2
772	Rigorous study of the gap equation for an inhomogeneous superconducting state nearTc. 1975 , 12, 3635-364	1913
771	Electromagnetic excitation spectrum of the Peierls Phase. 1975 , 11, 613-618	13
77°	Josephson tunneling current in the presence of a time-dependent voltage. 1975 , 11, 3329-3333	51
769	Tunneling measurements on spin-paired superconductors with spin-orbit scattering. 1975 , 11, 4224-4235	84
768	Experimental properties of superfluid He3. 1975 , 47, 415-470	646
767	Anisotropy of the penetration depth in superconducting tin. 1975 , 11, 411-419	19

(1975-1975)

766	Low-temperature heat capacity of Euranium and its relation to the pressure dependence of Tc. 1975 , 12, 4929-4940	34
765	Calorimetric determination of the electron-phonon mass enhancement of Euranium. 1975, 11, 3348-3353	15
764	Dynamical symmetry breaking as a bootstrap. 1975 , 12, 1772-1793	11
763	Magnetic coupling force of the superconducting dc transformer. 1975 , 12, 1753-1765	39
762	Ultrasonic attenuation in superconductors: theory of the effect of scattering of electrons by thermal phonons. 1975 , 5, 515-527	1
761	Transition temperature of strong-coupled superconductors reanalyzed. 1975 , 12, 905-922	2163
760	Chemical potential and boundary resistance at normal-superconducting interfaces. 1975 , 345, 231-249	36
759	Solid State Physics. 1975 , 338-380	
758	On the analogy between superconductivity and chiral symmetry breakdown in the Coulomb gauge. 1975 , 92, 241-268	2
757	Low-temperature-calorimetric studies of superconductivity and microstructure in titanium-vanadium alloys. 1975 , 42, 285-301	12
756	The effects of yttrium or gadolinium on the superconducting transition temperature of niobium. 1975 , 40, 29-38	11
755	Fluctuations near superconducting phase transitions. 1975 , 38, 1049-1097	448
754	Superconductivity in metals, alloys, semiconductors, and glasses as a result of particular chemical bond systems. 1975 , 9, 269-296	5
753	Flux quantization and fractional charges of quarks. 1975 , 11, 2147-2177	22
75 ²	Superconducting properties of Pb-Sn-In alloys directionally solidified aboard Skylab. 1975,	
751	Superconductivity at very strong coupling. 1975 , 8, L158-L163	55
750	Superconductivity in palladium-noble metal-hydrogen systems. 1975 , 22, 127-132	24
749	Possibility of a condensed phase of excitons because of phonon induced exciton-exciton pairing. 1975 , 22, 173-176	4

Sonics and ultrasonics: Early history and applications. 1976,

747	SQUIDs and their applications. 1976 , 9, 417-429	25
746	The Electron-Phonon Interaction in Normal Metals. 1976 , 14, 63-78	154
745	Elementary modes of excitation in the nucleus. 1976 , 48, 375-383	38
744	Rotational motion in nuclei. 1976 , 48, 365-374	87
743	Elementary modes of excitation in the nucleus. 1976 , 193, 287-94	8
742	Scission-point model of nuclear fission based on deformed-shell effects. 1976 , 14, 1832-1863	472
741	The Josephson effects in weakly coupled superconductors. 1976 , 39, 751-827	42
740	Ginzburg-Landau theory of phase transitions in pseudo-one-dimensional systems. 1976 , 25, 615-655	54
739	Introductory Chapter: Superconductivity in Progress.	
738	RSAVS superconductors: Materials with a superconducting state that is robust against large volume shrinkage. 2020 , 4,	1
737	Does cosmological evolution select for technology?. 2020 , 22, 073064	
736	Josephson Effect based Superconducting Electronics. 2020,	
735	Emergent channel over a pair of pockets in strong density waves. 2021 , 104,	
734	Unconventional superconductivity mediated solely by isotropic electron-phonon interaction. 2021 , 104,	О
733	A model study on superfluidity of a unitary Fermi gas of atoms interacting with a finite-ranged potential.	
732	Impact of pairing interactions on fission in the deformed mean-field plus standard pairing model. 2021 , 104,	1
731	Origin of topological order in a Cooper-pair insulator. 2021 , 104,	O

(2020-2021)

730	Effect of van Hove singularity on the isotope effect and critical temperature of H3S hydride superconductor as a function of pressure. 2021 , 110451	1
729	REFERENCES. 1963 , 323-332	
728	Superconductors in Thermometry. 1973 , 625-630	1
727	Some Reminiscences of Research in Liverpool in 1950. 1973 , 436-444	1
726	Comments on Statistical Model and Collective Modes of Nuclei. 1973 , 298-302	
725	Fission-Fragment Angular Distributions at Moderate to High Excitation Energies. 1973 , 179-215	
724	Miscellaneous Semiconductors. 1973 , 458-475	
723	Structure and Composition in Relation to Properties. 1973 , 175-282	
722	Elements of the Theory of Superconductivity. 1973 , 71-148	
721	Josephson Effect in a Superconducting Ring. 1973 , 149-161	
720	Spin Fluctuations and Anisotropic Superfluidity in 3He. 1973 , 116-120	
719	Phenomenological Theories of Superconductivity. 1973 , 25-70	
718	Structures and Properties of Superconducting Materials . 1973 , 2, 231-278	
717	References. 1983 , 365-372	
716	Integrated Superconducting Electronics. 1983 , 355-382	
715	Quantum Engineering Applications. 1983 , 199-233	
714	Single Impurity Scattering. 1983 , 97-127	2
713	High-Resolution Inelastic X-Ray Scattering I: Context, Spectrometers, Samples, and Superconductors. 2020 , 2131-2212	

712	Many-Particle Quantum Graphs: A Review. 2020 , 29-66	
711	Single-Layer Dititanium Oxide TiO MOene: Multifunctional Promises for Electride, Anode Materials, and Superconductor. 2021 , 12, 494-500	3
710	Effect of spin fluctuations on superconductivity in V and Nb: A first-principles study. 2020 , 102,	1
709	Machine learning on the electronBoson mechanism in superconductors. 2020 , 22, 123014	O
708	Elements of the fifth group (semimetals) and their alloys - are they the new high-temperature super-conductors?. 2020 , 27,	
707	Phototransistors, Photoconductors, and SNSPD. 2020 , 221-244	
706	Introduction. 2021 , 1-9	
705	Positive parity low-spin states of evenBdd 129🛭 33Ba isotopes. 2022 , 1017, 122342	O
704	Isotopic dependence of the frequency of optical vibrations in molybdenum monohydride. 2022 , 893, 162299	0
703	Electron P honon Interaction on Metallic Surfaces, Overlayers and Thin Films. 2020 , 783-813	
702	Order Parameter in Electron System: Its Fluctuations and Oscillations. 2019 , 129, 680-692	0
701	Entropy and heat capacity in the generalized BoseEinstein condensation theory of superconductors. 2019 , 33, 1950311	1
700	Superconducting RF: Enabling Technology for Modern Light Sources. 2020, 525-579	
699	Fundamentals of Thermal Radiation. 2020 , 407-496	
698	Nanoionic Devices for Physical Property Tuning and Enhancement. 2020 , 161-174	1
697	Modeling Solids and Its Impact on Science and Technology. 2020 , 21-36	
696	Topological Fermion-Condensation Quantum Phase Transition. 2020 , 49-69	

695

Literature Review. 2020, 7-33

(2020-2020)

694	Excitation of Electromagnetic Waves in Volumes with Coordinate Boundaries. 2020 , 1-49
693	Translational-invariant bipolarons and a pseudogap phase. 2020 , 1-13
692	Asymmetric Conductivity of Strongly Correlated Compounds. 2020 , 271-287
691	Investigation of AC Losses in Horizontally Parallel HTS Tapes. 2020 , 135-159
690	Anomalous boron isotope effects on electronic structure and lattice dynamics of CuBO 2020 , 10, 41891-41900
689	Relativistic Approximations for Quantization and Harmony in the Schrödinger Equation, and Why Mechanics Is Quantized. 2020 , 11, 1926-1937
688	Breaking the Area Law: The Rainbow State. 2020 , 395-405
687	General Introduction. 2020 , 1-16
686	Superconductivity. 2020 , 75-107
685	Understanding Novel Superconductors with Ab Initio Calculations. 2020 , 73-112
684	Superconductivity. 2020 , 1-25
683	Superconductivity. 2020 , 539-565
682	Search for new superconducting compounds with a critical transition temperature Tc close to room temperature under pressure. 2020 ,
681	Investigation of the Electrical and Structural Effects of Li Dopping on YBCO Ceramic Superconducting Materials Prepared with Nitrate Compounds. 210-216
68o	Fundamentals of a Radio Telescope. 2020 , 33-55
679	Megascopic Quantum Phenomena. 2020 , 283-392
678	Stationary Ginzburg[landau Equations. 2020 , 113-148
677	Pd-P antibonding interactions in APd2P2 (A=Ca and Sr) superconductors. 2020 , 4,

676	Capillary (Laplace) pressure and superconductivity of nano-sized crystalline particles of semimetals. 2020 ,	
675	Forming High-(T_c) Superconductors by the Topological FCQPT. 2020 , 353-363	
674	Topological FCQPT in Strongly Correlated Fermi Systems. 2020 , 89-114	
673	Study of Novel Magnets and Superconductors and Their Physical Properties. 2020, 67, 59-71	3
672	Shape isomers in Pt, Hg and Pb isotopes with ({hbox {N}}le 126). 2020 , 56, 1	
671	Origin of strange normal-state and superconductivity in sulfur hydrides at high pressures. 2021 , 413473	1
670	Phase fluctuations in conventional superconductors. 2021 , 34,	О
669	Aspects of strong electronphonon coupling in superconductivity of compressed metal hydrides MH6 (M = Mg, Ca, Sc, Y) with Im-3m structure. 2021 , 130, 183902	2
668	Hidden self-energies as origin of cuprate superconductivity revealed by machine learning. 2021, 3,	0
667	Ab initio calculations of the elastic, vibrational, electronic properties, and electron-phonon constant of superconducting YB6 compound under low pressure.	1
666	Effects of Lorentz violation in superconductivity.	1
665	Thermodynamic properties in the extended BCS-Bose crossover theory. 2021 , 1353988	
664	Many-Body Theory of Condensed Matter Systems: An Introductory Course. 2020,	
663	Monte Carlo Techniques for Quantum Fluids, Solids and Droplets. 1992 , 205-248	2
662	High-Tc Superconductors. 2002 , 271-284	
661	Bose-Einstein Condensation of Pairons. 2002 , 181-199	
660	Electronic Structure and Doping in Cuprate Superconductors. 2002 , 209-228	
659	3.4.2.1 Construction of an electronic phase diagram. 255-256	

Ab1 - Ha10. 275-288 658 1. Grundlagen der phBomenologischen Theorie der Supraleitung. 1974, 254-266 Dynamical unification of fermions and gauge bosons for internal symmetry and gravity. 1983, 363-366 656 Low Temperature Scanning Probe Microscopy. 2005, 185-242 655 Isomer Fission. 2005, 135-152 654 Thin Film, Near-Surface and Multi-Layer Investigations by Low-Energy [I-SR. 2005, 664-671 653 652 Lectures on the Spin Pairing Mechanism in High-Temperature Superconductors. 2007, 47-65 Field Theory for Trapped Atomic Gases. 2001, 219-315 651 Infrared Conductivity and Superconducting Energy Gap in MgB2. 2002, 267-279 650 1 Theory of Superconductivity Due to the Exchange of Spin Fluctuations in Hole- and Electron-Doped 649 Cuprate Superconductors: d-Wave Order Parameter. 2002, 319-331 Further applications. 1999, 161-168 648 The standard model with minimal dynamical electroweak symmetry breaking. 1992, 280-301 647 646 Conducting Charge or Not. 2007, 529-555 Ultrasonic Attenuation in Tin Single Crystals at Low Temperatures. 1961, 16, 1141-1144 645 II.2 Cuprate and other unconventional superconductors. **2007**, 293-302 644 643 Elements Of Modern High-Temperature Superconductivity. 2008, 209-216 Superconductivity. 2007, 459-507 642 Introduction. 2007, 1-40 641

640	Quantum Gases Without Interactions. 2007 , 1-58	
639	Matching of Electrostatic Potentials at Surfaces. 2007 , 147-162	
638	Quasi-neutral Limit. 2007 , 97-110	
637	Introduction to NMR Studies of Metals, Metallic Compounds, and Superconductors. 2008, 13-65	
636	Low-Temperature Scanning Probe Microscopy. 2008 , 179-234	
635	Antiferromagnetic, neutral, and superconducting band in La2CuO4. 2005 , 18, 433-454	
634	On Application of Hyperfree Energy for the Description of Thermodynamics of Mobile Components in Nonstoichiometric Partially Open Ceramic Systems.	
633	No Resistive Normal Electrons in Beginning Superconducting States. 2020 , 8, 1512	
632	Strong-coupling character of superconducting phase in compressed selenium hydride. 2021 , 35, 2150045	
631	Rescaling of applied oscillating voltages in small Josephson junctions. 2020 , 4, 105007	1
630	Theoretical investigation of twin boundaries in WO3: Structure, properties, and implications for superconductivity. 2020 , 2,	3
629	Superfluid density versus transition temperature in a layered organic superconductor [BEDTIITF)2Cu[N(CN)2]Br under pressure. 2020, 2,	1
628	Emergence of a thermal equilibrium in a subsystem of a pure ground state by quantum	0
	entanglement. 2020 , 2,	
627	entanglement. 2020 , 2, Structural and morphological characterization of YBa2Cu3O7-x films deposited by screen printing from YBa2Cu3O6.962 superconductor in bulk. 2020 , 7, 096001	0
627 626	Structural and morphological characterization of YBa2Cu3O7-x films deposited by screen printing	
	Structural and morphological characterization of YBa2Cu3O7-x films deposited by screen printing from YBa2Cu3O6.962 superconductor in bulk. 2020 , 7, 096001	0
626	Structural and morphological characterization of YBa2Cu3O7-x films deposited by screen printing from YBa2Cu3O6.962 superconductor in bulk. 2020 , 7, 096001 The dependence of the critical temperature on pressure. 2020 , 34, 2050276	0

622	Thermodynamic Properties of Ultracold Fermi Gases Across the BCS-BEC Crossover and the Bertsch Problem. 2021 , 1-33	
621	Role of Fluctuations on the Pairing Properties of Nuclei in the Random Spacing Model. 2021 , 145-151	
620	Ratios of negative-to-positive parity level densities in Mo isotopes. 1-4	Ο
619	H-Tree Clock Synthesis in RSFQ Circuits. 2020 ,	8
618	Theoretical Tools. 2021 , 9-20	
617	Thermal properties of nuclei using RMF theory with average value gap parameter. 2022 , 1017, 122353	
616	Thermodynamic stability and superconductivity of tantalum carbides from first-principles cluster expansion and isotropic Eliashberg theory. 2022 , 202, 111004	O
615	Quantum phases of interacting bosons on biased two-leg ladders with magnetic flux. 2021, 104,	O
614	Large inverse transient phase response of titanium-nitride-based microwave kinetic inductance detectors. 2021 , 119, 212601	
613	Bipolaron liquids at strong Peierls electron-phonon couplings. 2021 , 104,	O
612	Hydrides under High Pressure. 1	1
611	3D graphene-like semiconductor Ba2HfTe4 with electronic structure similar to graphene and bandgap close to silicon. 2021 , 100658	O
610	Neutron occupancies and single-particle energies across the stable tin isotopes. 2021, 104,	О
609	Topologically protected two-fluid edge states. 2021 , 104,	
608	Long range and highly tunable interaction between local spins coupled to a superconducting condensate. 2021 , 12, 6722	4
607	Pushing the Limits of EPD Zeros Method. 2022 , 52, 1	1
606	Exciton-polariton properties of hexagonal BN-based microcavity and their potential applications in BEC and superconductivity. 2021 , 104,	1
605	Momentum distribution of the uniform electron gas at finite temperature: Effects of spin polarization 2021 , 104, 055206	2

604	Iron-based magnetic superconductorsEuFeAs(= Rb, Cs): Natural superconductor-ferromagnet hybrids. 2021 ,	0
603	High-temperature superconductivity on the verge of a structural instability in lanthanum superhydride. 2021 , 12, 6863	6
602	Pairing symmetries in the Zeeman-coupled extended attractive Hubbard model. 2021, 11, 22724	
601	SkyrmeHartreeHockBogoliubov Calculations of Even and Odd Neutron-Rich Mg Isotopes. 2021 , 66, 928	
600	Interfacial control of vortex-limited critical current in type-II superconductor films. 2021, 104,	1
599	High-temperature superconductivity in monolayer FeSe on SrTiO3 and related systems mediated by low energy plasmons. 2021 , 104,	1
598	Co-existence of short- and long-range magnetic order in LaCo2P2.	Ο
597	Phonon-Induced Pairing in Quantum Dot Quantum Simulator. 2021 , 21, 9661-9667	O
596	Estimating the Single-Element Concentration of Intercalated Insulators for the Emergence of Superconductivity.	O
595	1S0 Pairing Gaps, Chemical Potentials and Entrainment Matrix in Superfluid Neutron-Star Cores for the BrusselsMontreal Functionals. 2021 , 7, 470	2
594	Broadband complex two-mode quadratures for quantum optics. 2021 , 29, 41282	2
593	Anomalous inverse proximity effect in unconventional superconductor junctions. 2021, 3,	O
592	Fission models revisited: structure. 2021 , 115-149	
591	Mean-Field Theory of Superconductivity. 2021 , 21-37	
590	Prediction of superconductivity in bilayer borophenes 2021 , 11, 40220-40227	O
589	Superconducting LaP2H2 with graphenelike phosphorus layers. 2022 , 105,	2
588	Lord Robert May of Oxford 1936 2 020*. 2022 ,	
587	Finite-temperature phonon dispersion and vibrational dynamics of BaTiO3 from first-principles molecular dynamics. 2022 , 105,	O

586	The BCS Critical Temperature at High Density 2022 , 25, 3	1
585	OUP accepted manuscript.	
584	Structural transformation of MoReRu medium-entropy alloy by carbon addition. 2022, 210, 114464	1
583	Superconductivity in the calcium-decorated hexagonal boron nitride monolayer. 2022 , 548, 168927	1
582	Roles of optical phonons and logarithmic profile of electron-phonon coupling integration in superconducting Sc0.5Y0.5H6 superhydride under pressures. 2022 , 901, 163524	2
581	Superconductivity and physical metallurgy. 1970 , 1, 2987-2996	2
580	Introduction. 2021 , 1-8	
579	Transient Weak Links between Superconducting Nuclei: Coherence Length. 2021 , 31, 24-29	O
578	Topological triple phase transition in non-Hermitian Floquet quasicrystals 2022, 601, 354-359	6
577	Thermal coupled cluster theory for SU(2) systems. 2022 , 105,	3
576	Heat capacity of URu2⊠OsxSi2 at low temperatures. 2022 , 105,	
575	Level-density parameter in natural radioactive nuclei. 2022 , 37,	
574	Stability and electronic properties of gallenene.	0
573	Mott-Driven BEC-BCS Crossover in a Doped Spin Liquid Candidate (BEDTIITF)4Hg2.89Br8. 2022 , 12,	1
572	Thermodynamic properties of two-dimensional charged spin-1/2 Fermi gases.	0
571	Valley-dependent time evolution of coherent electron states in tilted anisotropic Dirac materials. 2022 , 105,	O
570	Tuning the electronic states and superconductivity in alkali fulleride films. 2022, 32, 1	0
569	The Law of Entropy Increase and the Meissner Effect 2022 , 24,	1

568	Correlation-enhanced neural networks as interpretable variational quantum states. 2022, 4,	1
567	Ultrafast optical spectroscopy evidence of pseudogap and electron-phonon coupling in an iron-based superconductor KCa2Fe4As4F2. 2022 , 65, 1	1
566	Cooper-pair condensates with nonclassical long-range order on quantum devices. 2022, 4,	О
565	Wave function identity: A new symmetry for 2-electron systems in an electromagnetic field. 2022 , 556, 111453	2
564	Investigations of Structural, Electronic and Magnetic Properties of MnSe under High Pressure 2022 , 15,	
563	On strongly correlated electrons in metals. 2022 , 35, 689	O
562	Enhanced superconductivity in C-S-H compounds at high pressure. 2022, 105,	
561	Fulde-Ferrell-Larkin-Ovchinnikov pairing induced by a Weyl nodal line in an Ising superconductor with a high critical field. 2022 , 105,	O
560	Polymorphism, Structural Transition, and Superconductivity in the Equiatomic Ternary Germanide ThRhGe. 2022 , 34, 1235-1244	О
559	Crossover between strongly coupled and weakly coupled exciton superfluids 2022 , 375, 205-209	4
558	Pair-amplitude dynamics in strongly coupled superconductorquantum dot hybrids. 2022, 105,	0
557	Surface-acoustic-wave-induced unconventional superconducting pairing. 2022 , 5,	O
556	Critical Current Density and Meissner Effect of Smart Meta-Superconductor MgB and Bi(Pb)SrCaCuO 2022 , 15,	О
555	Superconductivity and the JahnIIeller Polaron. 2022 , 7, 10	
554	Tracking photocarrier-enhanced electron-phonon coupling in nonequilibrium. 2022, 7,	1
553	Simultaneous fermion and exciton condensations from a model Hamiltonian. 2022, 105,	0
552	Structural, electronic, and mechanical properties of YRuInGe: a first-principle study 2022, 28, 41	5
551	Functional-renormalization-group approach to strongly coupled Bose-Fermi mixtures in two dimensions. 2022 , 105,	O

550	The influence of Power-Maxwell field on holographic paramagnetism model. 2022, 975, 115661	Ο
549	Matrix product states for Hartree-Fock-Bogoliubov wave functions. 2022 , 105,	Ο
548	3D Simulation of YBCO (Y Ba 2Cu 3O $7\overline{\mathtt{M}}$) Superconducting Materials at Liquid Nitrogen Temperature.	
547	Characterization of the Parameters of Superconducting NbN and NbTiN Films using Parallel Plate Resonator. 2022 , 1-1	1
546	Topological Quantum Statistical Mechanics and Topological Quantum Field Theories. 2022 , 14, 323	1
545	Nanomaterials for Quantum Information Science and Engineering 2022 , e2109621	6
544	Superconductivity in graphite-diamond hybrid. 2022 , 23, 100630	2
543	The effect of strain and pressure on the electron-phonon coupling and superconductivity in MgB2 B enchmark of theoretical methodologies and outlook for nanostructure design. 2022 , 131, 063902	
542	Excited states of holographic superconductors with hyperscaling violation. 2022, 115701	О
541	Lattice dynamics of high-pressure hydrides studied by inelastic neutron scattering. 2022 , 164208	O
540	Nonlinear interaction of external perturbations in warm dense matter.	1
539	Dissipationless Spin-Charge Conversion in Excitonic Pseudospin Superfluid 2022 , 128, 066601	O
538	Intrinsic finite-energy Cooper pairing in j=3/2 superconductors. 2022 , 4,	0
537	Going beyond the Chandrasekhar-Clogston limit in a flatband superconductor. 2022 , 105,	
536	Phase transitions and superconductivity in ternary hydride Li2SiH6 at high pressures. 2022 , 131, 065901	0
535	Quasiclassical boundary conditions for spin-orbit coupled interfaces with spin-charge conversion. 2022 , 105,	O
534	Recent progress of two-dimensional metallic transition metal dichalcogenides: Syntheses, physical properties, and applications. 2022 , 131, 060902	1
533	Diaelectric material as permanent magnet: Frog levitation from magnet. 2022 , 551, 169130	

532	Antiferromagnetism Induced by Bond Su-Schrieffer-Heeger Electron-Phonon Coupling: A Quantum Monte Carlo Study 2021 , 127, 247203	1
531	Probing the Energy Conversion Pathways between Light, Carriers, and Lattice in Real Time with Attosecond Core-Level Spectroscopy. 2021 , 11,	1
530	Introduction. 2022 , 1-15	
529	Pressure-stabilized graphene-like P layer in superconducting LaP 2022 ,	O
528	Superconducting Quantum Oscillation Phenomena in Low-Dimensional Superconductors. 2022,	1
527	W4IrC1⊠: a new noncentrosymmetric superconductor with a cubic £Mn type structure.	1
526	Electron Spin Dynamics in a Hexaboride Superconductor Yb6 Probed by 89y and 11b Nmr.	
525	Phonon-mediated superconductivity in two-dimensional hydrogenated phosphorus carbide: HPC 2022 ,	1
524	Theory of disordered superconductors with applications to nonlinear current response. 2022, 2022,	1
523	Effect of Nonequilibrium Transient Electronic Structures on Lattice Stability in Metals: Density Functional Theory Calculations. 2022 , 10,	O
522	Quest for two-proton radioactivity. 2022 , 137, 1	О
521	Synthesis and Comparative Analysis of Crystallite Size and Lattice Strain of Pb₂Ba_{1.7}Sr_{0.3}Ca<sub>2</sub Superconductor. 2022 , 32, 66-71	>Cu <s< td=""></s<>
520	Tuning chemical precompression: Theoretical design and crystal chemistry of novel hydrides in the quest for warm and light superconductivity at ambient pressures. 2022 , 131, 070901	4
519	Cooper quartet correlations in infinite symmetric nuclear matter. 2022 , 105,	Ο
518	Valence-bond solid to antiferromagnet transition in the two-dimensional Su-Schrieffer-Heeger model by Langevin dynamics. 2022 , 105,	Ο
517	Negative Chemical Pressure Effect on the Superconductivity and Charge Density Wave of Cu0.5Ir1\(\text{IZ} \) ZrxTe2. 2022 , 126, 3705-3712	Ο
516	Many-body Green's function approaches to the doped Frfilich solid: Exact solutions and anomalous mass enhancement. 2022 , 105,	0
515	Nonsymmorphic band sticking in a topological superconductor. 2022 , 105,	O

514	Revealing Electron P honon Coupling Dependence on the EConjugated Groups in Rare-Earth Borates. 2022 , 22, 2686-2691	2
513	High-Temperature Superconductivity in Hydrides: Experimental Evidence and Details. 1	3
512	Excitation Spectrum and Superfluid Gap of an Ultracold Fermi Gas 2022, 128, 100401	1
511	Interplay between Charge-Density-Wave, Superconductivity, and Ferromagnetism in CulrCrTe Chalcogenides 2022 , 2442-2451	1
510	Analysis of Low-Temperature Magnetotransport Properties of NbN Thin Films Grown by Atomic Layer Deposition. 2022 , 8, 33	
509	Relativistic Hartree-Fock-Bogoliubov model for axially deformed nuclei. 2022 , 105,	O
508	Multipole polaron roams the devil's staircase 2022 , 21, 384-385	
507	Circuit quantization with time-dependent magnetic fields for realistic geometries. 2022, 8,	O
506	David James Thouless. 21 September 1934 ß April 2019. 2022 , 72, 337-358	
505	Crystal structure evolution and superconductivity of the ternary hydride CSH3 under pressure. 2022 , 105,	O
504	On the size consistency problem for anti-symmetrised geminal power wave function ansatz.	1
503	Molecular Magnetism. 2022 , 52,	4
502	Superconductivity in Heusler compound ScAuAl 2022,	
501	The band structure of the whole spectrum of an N-body cold system containing atoms with arbitrary integer spin and dominated by singlet pairing force. 2022 , 97, 045407	O
500	Superconducting photon detectors. 1-23	3
499	Sum rule for the partial decay rates of bottom hadrons based on the dynamical supersymmetry of the sflquark and the ud diquark. 2022 , 105,	O
498	Orthorhombic ScB3 and hexagonal ScB6 with high hardness. 2022 , 105,	O
497	Superconductors and Gravity. 2022 , 14, 554	O

496	Electron Number Density and Coherence Length of Boson-Fermion Pair in HTSC. 2022, 2022, 1-7	1
495	FFLO state driven by quasiperiodic Zeeman field and its transition to localized states. 2022 , 105,	
494	Path to high- Tc superconductivity via Rb substitution of guest metal atoms in the SrB3C3 clathrate. 2022 , 105,	O
493	Density functional Bogoliubov-de Gennes analysis of superconducting Nb and Nb(110) surfaces. 2022 , 105,	
492	Fast principal minor algorithms for diagrammatic Monte Carlo. 2022 , 105,	0
491	Carbonaceous sulfur hydride system: The strong-coupled room-temperature superconductor with a low value of Ginzburg[landau parameter. 2022 , 131, 113901	
490	Characterization of ultrathin superconducting FeSe nanowires on SrTiO3 substrates.	
489	Magnetic Field Resilience of Three-Dimensional Transmons with Thin-Film Al/AlOx/Al Josephson Junctions Approaching 1 T. 2022 , 17,	0
488	-wave superconductivity in the noncentrosymmetric WAlC superconductor: an NMR study 2022 , 34,	0
487	A power series approximation in symmetry projected coupled cluster theory 2022 , 156, 104105	O
486	New kind of echo from quantum black holes. 2022 , 105,	0
485	Solid metal-hydrogen solutions with a symmetric miscibility gap. 2022 ,	
484	Superconductivity in CuIr 2☑ Al x Te4 telluride chalcogenides. 2022 , 31, 037406	0
483	Entangled phase of simultaneous fermion and exciton condensations realized. 2022, 105,	O
482	Quantum essence of particle superfluidity. 1	0
481	Analytical approach to compute conductivity of p -wave holographic superconductors. 2022 , 105,	O
480	Intercalate Superconductivity and van der Waals Equation.	
479	Doping dependence of the electron-phonon coupling in two families of bilayer superconducting cuprates. 2022 , 105,	1

478	Superconductivity in indite-layer nickelates 2022 ,	7
477	Spectroscopic evidence of multigap superconductivity in noncentrosymmetric AuBe. 2022, 105,	O
476	Hot Hydride Superconductivity Above 550 K. 2022 , 2,	2
475	Characterization of collective excitations in weakly coupled disordered superconductors. 2022 , 105,	O
474	Anisotropic superconductivity in ZrB12 near the critical Bogomolnyi point. 2022, 105,	0
473	Orbital selective dynamics in Fe-based systems using time-resolved ARPES. 2022 , 2164, 012001	
472	Low Temperature Characteristics of the MetalBuperconductor NIS Tunneling Thermometer. 1	0
471	Reduced density matrix approach to ultracold few-fermion systems in one dimension.	Ο
470	Bibliography. 2022 , 327-337	
469	Bosonization of Majorana modes and edge states. 2022 , 105,	O
468	Elect of superconductivity on the shape of let bands.	O
467	Analysis of the one-neutron transfer reaction in O18+Se76 collisions at 275 MeV. 2022 , 105,	0
467 466	Analysis of the one-neutron transfer reaction in O18+Se76 collisions at 275 MeV. 2022 , 105, High-temperature phonon-mediated superconductivity in monolayer Mg2B4C2. 2022 , 7,	
		O
466	High-temperature phonon-mediated superconductivity in monolayer Mg2B4C2. 2022 , 7, Stabilization and superconductivity of AlB2-type nonstoichiometric molybdenum diboride by Sc	0
466	High-temperature phonon-mediated superconductivity in monolayer Mg2B4C2. 2022 , 7, Stabilization and superconductivity of AlB2-type nonstoichiometric molybdenum diboride by Sc doping. 2022 , Examination of the cross sections of the light-particle induced reactions for the 99Tc	0
466 465 464	High-temperature phonon-mediated superconductivity in monolayer Mg2B4C2. 2022, 7, Stabilization and superconductivity of AlB2-type nonstoichiometric molybdenum diboride by Sc doping. 2022, Examination of the cross sections of the light-particle induced reactions for the 99Tc transmutation. 2022, 36, 105420 Superconductivity in high-Tc and related strongly correlated systems from variational perspective:	0 1 0

460	Structural transformation and superconductivity in carbon-added hexagonal high-entropy alloys. 2022 , 909, 164700	O
459	Resonance from antiferromagnetic spin fluctuations for superconductivity in UTe 2021, 600, 636-640	4
458	Probing Electron-Phonon Interactions Away from the Fermi Level with Resonant Inelastic X-Ray Scattering. 2021 , 11,	1
457	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. 2021 , e2108550	1
456	Future Study of Dense Superconducting Hydrides at High Pressure 2021 , 14,	2
455	Investigating the correlation between the Urbach energy and asymmetry parameter of the Raman mode in semiconductors. 2021 , 104,	4
454	Magnetization dynamics fingerprints of an excitonic condensate t2g4 magnet. 2021, 104,	О
453	Photoacoustic effect and superconductivity of metals. 2021 , 28,	
452	Plasmon Mediation of Charge Pairing in High Temperature Superconductors. 2021 , 2021, 1-6	1
451	BCS-BEC crossover of ultracold ions driven by density-dependent short-range interactions in a quantum plasma. 2021 , 104,	
450	Single-momentum path integral Monte Carlo simulations of uniform electron gas in warm dense matter regime. 2021 , 28, 122712	O
449	Spin-triplet superconductivity in KCrAs 2021 , 7, eabl4432	3
448	Theory of cross phenomena and their coefficients beyond Onsager theorem. 2022, 10, 393-439	2
447	Classical conformal blocks, Coulomb gas integrals and Richardson-Gaudin models. 2022 , 2022, 1	
446	Estimation of the Grileisen Parameter of High-Entropy Alloy-Type Functional Materials: The Cases of REO0.7F0.3BiS2 and MTe. 2022 , 7, 34	
445	Density correlation functions and the spatial structure of the two-dimensional BEC-BCS crossover. 2022 , 105,	
444	Inducing a bound state between active particles 2022, 105, 044605	
443	First-Principles Prediction of Superconductivity in High-Buckled Two-Dimensional Tin.	O

442	Superconducting proximity effect in (7日)R19.1? Ni nanoislands on Pb(111). 2022, 6,	О
441	Hysteresis and jumps in the I☑ curves of disordered two-dimensional materials. 2022 , 105,	
440	Superconducting Materials and Devices Grown by Focused Ion and Electron Beam Induced Deposition 2022 , 12,	1
439	Dual Kondo effect charge ordering and zero thermal expansion in a correlated intermetallic. 2022 , 3,	O
438	Beginnings of exciton condensation in coronene analog of graphene double layer 2022, 156, 154702	1
437	Raman and FTIR Spectroscopic Techniques and Their Applications. 2022 , 97-116	
436	Direct observation of intrinsic surface magnetic disorder in amorphous superconducting films. 2022 , 105,	1
435	Investigating Network Parameters in Neural-Network Quantum States. 2022 , 91,	
434	Concepts for Modeling Electrons in Solids: A Perspective. 2005 , 13-26	
433	Data_Sheet_1.docx. 2018,	
432	Stabilizing superconductivity of ternary metal pentahydride [Formula: see text] via electronic topological transitions under high pressure from first principles evolutionary algorithm 2022 , 12, 6700	0
431	Superconductors gain momentum 2022 , 376, 350-351	
430	The Uniform Electron Gas at High Temperatures: Ab Initio Path Integral Monte Carlo Simulations and Analytical Theory.	
429	Superconductivity Phenomenon: Fundamentals and Theories. 2022 , 1-27	O
428	Wafer-Scale Characterization of a Superconductor Integrated Circuit Fabrication Process, Using a Cryogenic Wafer Prober. 2022 , 1-1	
427	Introduction. 2022 , 1-4	
426	Noncuprate Superconductors: Materials, Structures and Properties. 2022, 211-238	
425	Recent progress in electronphonon interaction of two-dimensional materials.	

424	Correlation-enhanced electron-phonon coupling for accurate evaluation of the superconducting transition temperature in bulk FeSe. 2022 , 65, 1	
423	Role of nematicity in controlling spin fluctuations and superconducting Tc in bulk FeSe. 2022, 105,	O
422	Andreev Reflection Spectroscopy on SnAs Single Crystals.	O
421	Multiterminal ballistic Josephson junctions coupled to normal leads. 2022 , 105,	O
420	Josephson-like Oscillations in Toroidal Spinor Bose E instein Condensates: A Prospective Symmetry Probe. 2022 , 14, 867	O
419	Two-dimensional attractive Hubbard model and the BCS-BEC crossover. 2022 , 105,	O
418	Electron B honon Coupling Constant of Uranium and Lutetium.	
417	Direct observation of the electronic structure of the layered phosphide superconductor ZrP2\(\textbf{Z} \)Sex. 2022 , 105,	
416	Median-point approximation and its application for the study of fermionic systems. 2022, 105,	
415	Nuclear Structure of Samarium Isotopes Using Skyrme and Gogny Hartree $f E$ ock $f B$ ogoliubov Method. 1	
414	Bivariational principle for an antisymmetrized product of nonorthogonal geminals appropriate for strong electron correlation. 2022 , 1212, 113718	1
413	Equivalence between the gauge $n ? \mathbf{l} ? A = 0$ and the axial gauge. 2022 , 980, 115813	
412	Elementary Particles as Excitations of a Solid Medium. Is the Universe a Superconductor?. 2022, 69-112	O
411	Organic self-assembled monolayers on superconducting NbSe2: Interfacial electronic structure and energetics 2022 ,	
410	Energy valleys of double-magic superheavy nuclei. 1998 , 111, 105-111	
409	Linear-time generalized Hartree-Fock algorithm for quasi-one-dimensional systems. 2022 , 4,	
408	Near-exact treatment of seniority-zero ground and excited states with a Richardson daudin mean-field. 2022 , 156, 194103	4
407	Integer and fractionalized vortex lattices and off-diagonal long-range order.	

406	Coupled Bogoliubov equations for electrons and phonons. 2022 , 105,	О
405	Benchmarking GNOF against FCI in challenging systems in one, two and three dimensions.	3
404	Proximity-Effect-Induced Anisotropic Superconductivity in a Monolayer Ni-Pb Binary Alloy 2022,	Ο
403	Another operator-theoretical proof for the second-order phase transition in the BCS-Bogoliubov model of superconductivity 2022 , 12, 8393	
402	Alternating current conductivity and superconducting properties of a holographic effective model with broken translations. 2022 , 82,	
401	Conservation of the Particle-Hole Symmetry in the Pseudogap State in Optimally-Doped Bi2Sr2CuO6+[Superconductor.	
400	Phonon-mediated superconductivity near the lattice instability in hole-doped hydrogenated monolayer hexagonal boron nitride. 2022 , 6,	0
399	Biexciton-like quartet condensates in an electron-hole liquid. 2022 , 4,	Ο
398	Method to extracting the penetration field in superconductors from DC magnetization data. 2022 , 93, 053912	1
397	A Family of Superconducting Boron Crystals Made of Stacked Bilayer Borophenes.	
396	Superconductivity in cuprates governed by topological constraints. 2022 , 128227	
395	Cooper instability and superconductivity of the Penrose lattice. 2022 , 65,	Ο
394	Role of active slip systems induced with holmium impurity in Bi-2212 ceramics on mechanical design performance and morphological properties. 2022 ,	0
393	Single-crystalline transition metal phosphide superconductor WP studied by Raman spectroscopy and first-principles calculations. 2022 , 105,	
392	Phonon-assisted formation of an itinerant electronic density wave. 2022 , 5,	
391	Thermodynamic parameters of atomically thin superconductors derived from the upper critical field.	Ο
390	Electron spin dynamics in a hexaboride superconductorYB6 probed by 89Y and 11B NMR 2022, 165627	
389	Enhancement of superconductivity on the verge of a structural instability in isovalently doped <code>EThRh1</code> IrxGe. 2022 , 7,	Ο

388	Density matrices of seniority-zero geminal wavefunctions. 2022 , 156, 214110	3
387	Structural phase transition and superconductivity of ytterbium under high pressure. 2022, 105,	1
386	On Gravitational Fields in Superconductors. 10,	0
385	Supercurrent-Induced Weyl Superconductivity. 2022 , 91,	1
384	Superconductors. 1983 , 465-513	2
383	Some electromagnetic responses in the proposed mixed phaseII. 1972 , 10, 383-406	3
382	Ab initio investigation of electronic structure and optical properties of IrSn4. 2022 , 12, 17882-17888	
381	Adiabatic transition from a BCS superconductor to a Fermi liquid and phase dynamics. 2022, 105,	Ο
380	Superfluid density in conventional superconductors: from clean to strongly disordered. 2022 , 34, 335601	0
379	Tc up to 23.6 K and robust superconductivity in the transition metal I i phase at megabar pressure. 2022 , 105,	Ο
378	First-Principles Study of Hole-Doped Superconductors RNiO2 (R = Nd, La, and Pr). 2022 , 39, 067402	
377	Effects of intercomponent couplings on the appearance of time-reversal symmetry breaking fermion-quadrupling states in two-component London models. 2022 , 105,	O
376	ReviewRecent Trends on the Synthesis and Different Characterization Tools for MXenes and their Emerging Applications.	3
375	First-principles prediction of outstanding mechanical and thermodynamic properties of YX2Si2 (X´=´Pd and Rh) superconductors. 2022 , 31, 103785	1
374	Signatures of discrete time-crystallinity in transport through an open Fermionic chain. 2022, 5,	0
373	A brief review of the physical properties of charge density wave superconductor LaPt2Si2. 2022 , 35, 084006	
372	Chemical potential influence on the condensation energy from a Boson-Fermion model of superconductivity. 2022 , 1354090	0
371	Number parity effects in the normal state of SrTiO3. 2022 , 105,	

370	Superconductor superfluid density from the BardeenLooperBchrieffer/Bose crossover theory. 2022 , 4,	
369	Density induced BCS-Bose evolution in gated two-dimensional superconductors: The role of the interaction range in the Berezinskii-Kosterlitz-Thouless transition.	O
368	Engineering topological states in atom-based semiconductor quantum dots. 2022, 606, 694-699	4
367	On the Excitations of a BalianWerthamer Superconductor. 2022 , 208, 87-118	O
366	Nodeless time-reversal symmetry breaking in the centrosymmetric superconductor Sc5Co4Si10 probed by muon-spin spectroscopy. 2022 , 6,	1
365	Magnetic field screening in hydrogen-rich high-temperature superconductors. 2022, 13,	O
364	Enhanced ElectronPhonon Coupling Effect in Rare-Earth Borate Crystals Containing a Quasi-Free-OxygenIMotif.	О
363	Possible Benefits from Phonon/Spin-Wave Induced Gaps below or above EF for Superconductivity in High-TC Cuprates. 2022 , 7, 41	
362	Pressure-Quenched Superconductivity in Weyl Semimetal NbP Induced by Electronic Phase Transitions under Pressure. 2022 , 13, 5514-5521	1
361	Testing superconducting pairing symmetry in multiterminal junctions. 2022 , 35, 084005	
360	Cumulant methods for electron-phonon problems. I. Perturbative expansions. 2022 , 105,	О
359	Cumulant methods for electron-phonon problems. I. Perturbative expansions. 2022 , 105, A Mini Review on Thin Film Superconductors. 2022 , 10, 1184	0
359	A Mini Review on Thin Film Superconductors. 2022 , 10, 1184	0
359 358	A Mini Review on Thin Film Superconductors. 2022 , 10, 1184 Superconductivity in compressed ternary alkaline boron hydrides. 2022 , 105, A novel two-dimensional main group metal organic framework Ga3C6N6 as a promising anode	0
359 358 357	A Mini Review on Thin Film Superconductors. 2022, 10, 1184 Superconductivity in compressed ternary alkaline boron hydrides. 2022, 105, A novel two-dimensional main group metal organic framework Ga3C6N6 as a promising anode material for Li/Na-Ion batteries. 2022, 599, 153958	0 0
359 358 357 356	A Mini Review on Thin Film Superconductors. 2022, 10, 1184 Superconductivity in compressed ternary alkaline boron hydrides. 2022, 105, A novel two-dimensional main group metal organic framework Ga3C6N6 as a promising anode material for Li/Na-Ion batteries. 2022, 599, 153958 Observation of Cooper pairs in a mesoscopic two-dimensional Fermi gas. 2022, 606, 287-291	0 0

352	Van Hove singularity induced phonon-mediated superconductivity above 77 K in hole-doped SrB3C3. 2022 , 105,	0
351	Lattice Induced Short-Range Attraction between Like-Charged Colloidal Particles. 2022 , 129,	
350	Pressure effects on the electronic structure, phonons, and superconductivity of noncentrosymmetric ThCoC2. 2022 , 105,	
349	Transient Joule- and (ac) Josephson-like photon emission in one- and two- nucleon tunneling processes between superfluid nuclei: Blackbody and coherent spectral functions. 2022 , 105,	
348	Effective electronic forces and potentials from ab initio path integral Monte Carlo simulations. 2022 , 156, 244113	4
347	Electron-phonon coupling constant and BCS ratios in the LaH10-y doped with magnetic rare earth element.	O
346	Magic Gap Ratio for Optimally Robust Fermionic Condensation and Its Implications for HighII c Superconductivity. 2022 , 129,	0
345	Angle-resolved photoemission spectroscopy. 2022 , 2,	3
344	Effect of magnetic impurities on superconductivity in LaH 10. 2204038	2
343	Spin-resolved density response of the warm dense electron gas. 2022 , 4,	2
342	Fully gapped superconducting state in interstitial-carbon-doped Zr5Pt3. 2022, 106,	
341	Electromechanical coupling in high-pressured superconducting Nb3Sn: analytical and simulation models. 2022 , 107541	O
340	Artificial intelligence methods for applied superconductivity: material, design, manufacturing, testing, operation, and condition monitoring.	4
339	Aspects of long range spin-triplet correlations in superconductor/ferromagnet hetero-structures.	O
338	Probing superconducting gap of the high-entropy alloy Ta1/6Nb2/6Hf1/6Zr. 2022 , 106,	O
337	Distinct superconducting behaviors of pressurized WB2 and ReB2 with different local B layers. 2022 , 65,	O
336	Superconductivity and Unconventional Density Waves in Vanadium-based Kagome Materials AV3Sb5.	0
335	B symmetry and electron-phonon interaction in two-dimensional crystalline systems. 2022 , 106,	0

(2007-2022)

334	Ultimate Accuracy of Frequency to Power Conversion by Single-Electron Injection. 2022, 129,	О
333	Superconducting niobium nitride: a perspective from processing, microstructure, and superconducting property for single photon detectors. 2022 , 34, 374003	O
332	A theoretical analysis of superconducting pairing in correlated metallic systems. 2022, 642, 414147	
331	Superconductivity in ultrasmall metallic grains. 2001, 513, 219-276	O
330	On the interaction of mesoscopic quantum systems with gravity. 2005 , 517, 253-278	
329	Doping effects on the stability and superconductivity of penta-graphene-like ZrH10 and HfH10 under pressure. 2022 , 106,	
328	Interplay of finite-energy and finite-momentum superconducting pairing. 2022, 106,	0
327	Skyrmion superconductivity: DMRG evidence for a topological route to superconductivity. 2022 , 106,	1
326	Strong increase in ultrasound attenuation below Tc in Sr2RuO4 : Possible evidence for domains. 2022 , 106,	О
325	Study of superconductivity in rhodium. 2022 , 96,	
324	Migdal-Eliashberg theory as a classical spin chain. 2022 , 106,	О
323	Tunnelling of topological line defects in strongly coupled superfluids. 2000 , 512, 523-570	
322	Copyright Page. 2001 , iv-iv	
321	International Series of Monographs on Physics. 2001 , ii-ii	
320	PREFACE. 2001 , v-viii	
319	PREFACE. 2007 , vii-x	
318	Dedication. 2007 , v-vi	
317	Copyright Page. 2007 , iv-iv	

316	List of Tables. 2007, xxi-xxii
315	. 2007 , 373-376
314	List of Figures. 2007, xv-xx
313	MONOGRAPHS ON THE PHYSICS AND CHEMISTRY OF MATERIALS. 2007, ii-ii
312	. 2007 , 377-380
311	Preface to the First Edition. 2007 , xxvii-xxxii
310	Copyright Page. 2007 , iv-iv
309	Gallery. 2007 , xxxiii-lxiv
308	. 2007 , 389-400
307	. 2007 , 381-388
306	Preface to the Second Edition. 2007, xxiii-xxvi
305	. 2007 , 371-372
304	Dedication. 2007, v-vi
303	Mathematical background. 2017 , 637-650
302	Optimizing the Computation of Many-Pair Density Matrix in VDPC. 2022 , 10, 2303-2312
301	Two-dimensional van der Waals: characterization and manipulation of superconductivity. 2022, 0
300	Radiation Detectors with Superconducting Absorbers. 2022 , 23-71
299	The BCS Energy Gap at High Density. 2022 , 189,

298 The Promise of Soft Matter Enabled Quantum Materials. 2203908

297	Unconventional superconductivity from weak coupling. 2022 , 95,	O
296	Gauss B onnet holographic superconductors in lower dimensions. 2022 , 137,	
295	An Improved Smart Meta-Superconductor MgB2. 2022 , 12, 2590	O
294	Critical current density and vortex phase diagram in the superconductor Sn0.55In0.45Te. 2022, 106,	O
293	Simulating excited states of the Lipkin model on a quantum computer. 2022 , 106,	O
292	Ferroelectricity modulates polaronic coupling at multiferroic interfaces. 2022, 5,	
291	Macroscopic-microscopic calculations of the ground-state properties of Z=120 isotopes and their Edecay chains.	1
290	Fermionic superfluidity: from cold atoms to neutron stars. 2022 , 43, 065801	
289	A New Superconductor of BeB2C Under Atmospheric Pressure.	
288	Superconducting Gap of Pressure Stabilized (Al0.5Zr0.5)H3 from Ab Initio Anisotropic Migdal E liashberg Theory. 2022 , 7, 28190-28197	
287	Investigation of empirical heat capacity in hot-rotating A ~ 200 nuclei. 2022 , 49, 105102	
286	Properties of Bound Electron Pairs.	
285	Synthesis and superconductivity in yttrium superhydrides under high pressure.	O
284	Superconductivity Versus Magnetism in the Amorphous Palladium [des[]Pd1[](H/D/T)c.	1
283	Nucleon-nucleon correlations in the extreme oxygen isotopes.	O
282	Excitations of Quantum Many-Body Systems via Purified Ensembles: A Unitary-Coupled-Cluster-Based Approach. 2022 , 129,	
281	Theory of superconductivity mediated by topological phonons. 2022 , 106,	O

280	Unconventional superconductivity after the BCS paradigm and empirical rules for the exploration of high temperature superconductors. 2022 , 2323, 012001	
279	Spin-polarized supercurrent through the van der Waals Kondo-lattice ferromagnet Fe3GeTe2. 2022 , 106,	
278	Pertubative corrections for Hartree-Fock-like algebraic Bethe ansatz analogue.	
277	Breakdown of the Migdal-Eliashberg theory and a theory of lattice-fermionic superfluidity. 2022 , 106,	О
276	Mitigation of the Magnetic Field Susceptibility of Transition-Edge Sensors Using a Superconducting Groundplane. 2022 , 18,	1
275	Centrosymmetric to noncentrosymmetric structural transformation in a superconducting high-entropy alloy due to carbon addition.	О
274	Strongly correlated electrons in superconducting islands with fluctuating Cooper pairs. 2022, 106,	O
273	Prediction of phonon-mediated superconductivity in new Ti-based M\$\$_2\$\$AX phases. 2022 , 12,	О
272	Observing the Influence of Reduced Dimensionality on Fermionic Superfluids. 2022, 129,	
271	Universal Fermi velocity in highly compressed hydride superconductors. 2022 , 7, 058403	О
270	Variation of the critical temperature with the lattice parameter in K3C60. 2022, 199, 181-188	1
269	Schrdinger representation of quantum mechanics, Berry connection, and superconductivity. 2022 , 450, 128367	О
268	On nonlocal Ginzburg-Landau superconductivity and Abrikosov vortex. 2022 , 644, 414229	O
267	Excitonic properties in a double-layer graphene. 2022 , 97, 105707	О
266	Entanglement spread area law in gapped ground states.	O
265	Polarons in spinless metals variational solution. 2022 , 5, 044002	О
264	Spin-textures of medium-body boson systems with trapped spin-f cold atoms. 2022 , 12,	0
263	Towards a Novel Super Current. 2022 , 10, 2407-2414	O

262	Using XRD analysis methods by modern technical programs to study the structural properties of Hg1-xAgxBa2Ca2Cu3O8+Leompounds. 2022 ,	О
261	Relativistic Density-Functional Theories. 2022 , 1-32	О
260	Electrodynamics of superconductors. 2022,	О
259	Scientific Background of Complex Oxides. 2022 , 5-31	О
258	Data-Efficient Learning of Materials Wibrational Properties. 2022 , 29-56	О
257	Introduction. 2022 , 1-40	О
256	Unexpected Halogen-Induced Electron-Phonon Superconductivity in Two-dimensional Materials.	О
255	The chemistry of quantum materials. 2022,	О
254	Spatial distributions of amplitude and phase of electromagnetic wave in 1-dimensional photonic crystal. 2022 ,	O
253	Development of superconducting single-photon and photon-number resolving detectors for quantum applications. 2022 , 1-21	2
252	A two-dimensional Be2Au monolayer with planar hexacoordinate s-block metal atoms: a superconducting global minimum Dirac material with two perfect Dirac node-loops. 2022 , 13, 11099-11109	О
251	Superconductivity and the Cuprates. 2022 , 11-27	О
250	Introduction. 2022 , 1-10	О
249	Geminal-based electronic structure methods in quantum chemistry. Toward a geminal model chemistry. 2022 , 24, 23026-23048	О
248	Introduction. 2022 , 1-19	О
247	Superconductivity in correlated multiorbital systems with spin-orbit coupling: Coexistence of evenand odd-frequency pairing, and the case of Sr2RuO4. 2022 , 106,	O
246	Superconductivity and topological aspects of two-dimensional transition-metal monohalides. 2022 , 8,	1
245	Phonon-mode-specific lattice dynamical coupling of carriers in semiconductors using Raman and optical spectroscopic techniques. 2022 , 106,	2

244	Perovskite Structured Materials: Synthesis, Structure, Physical Properties and Applications.	O
243	Properties of Crystalline and Gaseous Lower Thermodynamic Niobium Chlorides. 2022 , 179347	O
242	The co-production of normal science: A social history of high-temperature superconductivity research in China (1987\(\textbf{0}\) 008). 030631272211192	O
241	Nonlocality as the source of purely quantum dynamics of BCS superconductors. 2022 , 106,	O
240	Energy competition and pairing effect for the fission path with a microscopic model. 10,	O
239	Novel Quantum Sensors for Light Dark Matter and Neutrino Detection. 2022 , 72, 419-446	O
238	Strong Coupling Superconductivity in Ca-Intercalated Bilayer Graphene on SiC. 2022, 22, 7651-7658	O
237	Dissipation by surface states in superconducting radio-frequency cavities. 2022 , 106,	O
236	Mottness induced superfluid phase fluctuation with increased density. 2022 , 24, 093026	O
235	Solvable model for a charge- 4e superconductor. 2022 , 106,	
		O
234	Multiparticle tunneling transport at strongly correlated interfaces. 2022 , 106,	0
234		
	Multiparticle tunneling transport at strongly correlated interfaces. 2022 , 106, Reduced density matrix functional theory from an ab initio seniority-zero wave function: Exact and	0
233	Multiparticle tunneling transport at strongly correlated interfaces. 2022, 106, Reduced density matrix functional theory from an ab initio seniority-zero wave function: Exact and approximate formulations along adiabatic connection paths. 2022, 106,	3
233	Multiparticle tunneling transport at strongly correlated interfaces. 2022, 106, Reduced density matrix functional theory from an ab initio seniority-zero wave function: Exact and approximate formulations along adiabatic connection paths. 2022, 106, Study of nucleus staggering phenomenon for oddeven 159,161,163Er isotopes.	o 3 0
233	Multiparticle tunneling transport at strongly correlated interfaces. 2022, 106, Reduced density matrix functional theory from an ab initio seniority-zero wave function: Exact and approximate formulations along adiabatic connection paths. 2022, 106, Study of nucleus staggering phenomenon for oddBven 159,161,163Er isotopes. Two-stage superconductivity in the Hatsugai-Kohomoto-BCS model.	o 3 o
233 232 231 230	Multiparticle tunneling transport at strongly correlated interfaces. 2022, 106, Reduced density matrix functional theory from an ab initio seniority-zero wave function: Exact and approximate formulations along adiabatic connection paths. 2022, 106, Study of nucleus staggering phenomenon for oddBven 159,161,163Er isotopes. Two-stage superconductivity in the Hatsugai-Kohomoto-BCS model. Andreev reflection in the enhanced superconducting phase of Cu0.04PdTe2. 2022, 114952 Skin-Deep Aspect of Thermopower in Bi2Q3, PbQ, and BiCuQO (Q = Se, Te): Hidden	o 3 o 0

226	Effect of Impurity Scattering on Percolation of Bosonic Islands and Superconductivity in Fe Implanted NbN Thin Films. 2022 , 12, 3105	О
225	Even-odd parity transition in strongly correlated locally noncentrosymmetric superconductors: Application to CeRh2As2. 2022 , 106,	О
224	On the possibility of "high-temperature" electrical superconductivity of the superhydride Pd(H)_{n-x}. 2022 , 29,	О
223	New trends in quantum integrability: Recent experiments with ultracold atoms.	О
222	Synthesis of superconducting two-dimensional non-layered PdTe by interfacial reactions.	О
221	A first-principles study of theoretical superconductivity on RbH by doping without applied pressure.	O
220	Single-crystal growth and superconductivity in RbNi2Se2. 2022 , 106,	О
219	Inverse proximity effect in a topological-insulator uperconductor hybrid system. 2022, 106,	O
218	Superconducting properties of doped blue phosphorene: effects of non-adiabatic approach. 2022 , 9, 045029	О
217	Electromagnetic Analog to Magic Angles in Twisted Bilayers of Two-Dimensional Media. 2022 , 18,	O
216	Structural measurement of electron-phonon coupling and electronic thermal transport across a metal-semiconductor interface. 2022 , 12,	О
215	Quantum phase transitions in a model Hamiltonian exhibiting entangled simultaneous fermion-pair and exciton condensations. 2022 , 106,	1
214	Potential high-Tc superconductivity in YCeH and LaCeH under pressure. 2022, 100873	1
213	Bose E instein condensation of two-dimensional spin-1 Cooper pairs in a uniform magnetic field. 2022 , 2022, 103102	O
212	La2Rh3+Bb4: A new ternary superconducting rhodium-antimonide.	О
211	Current density of Majorana bound states. 2022 , 453, 128475	O
210	Two distinctive temperature dependences of the London penetration depth in high-T cuprate superconductors as support for the theory of Bose-liquid superconductivity. 2022 , 452, 128447	О
209	A BosonHermion theory that goes beyond the BCS approximations for superconductors. 2022 , 607, 128167	O

208	Correlated electronic states in quasicrystals. 2022,	O
207	Superconducting Qubits as Musical Synthesizers for Live Performance. 2022 , 447-464	O
206	Enhancement of superconductivity and its relation to lattice expansion in InxTe (0.84🖬). 2022 , 106,	O
205	Tunable Superconductivity in Phosphorus-Doped Topological Transition-Metal Germanide Mo 5 Ge 3. 2200097	O
204	Effect of Pd on the superconductivity in non-centrosymmetric $\$ Mo}_{3}hbox {Al}_{2-{x}}hbox {Pd}_{x}hbox {C}\$\$ alloys, with x = 0.00, 0.05 and 0.10. 2022 , 128,	O
203	Systematics of the spontaneous and simultaneous emission of 2\$\$alpha\$\$-particles. 2022 , 137,	O
202	Electron-Phonon Interaction and Longitudinal-Transverse Phonon Splitting in Doped Semiconductors. 2022 , 129,	0
2 01	Towards a unified theory of the fundamental physical interactions based on the underlying geometric structure of the tangent bundle. 2022 , 82,	O
200	Nucleon-pair truncation of the shell model for medium-heavy nuclei. 2022, 106,	0
199	Energy-length scaling of critical phase fluctuations in the cuprate pseudogap phase. 10,	O
198	Electronic and superconducting properties of hydrogenated graphene from first-principles calculations.	O
197	Solvable periodic Anderson model with infinite-range Hatsugai-Kohmoto interaction: Ground-states and beyond. 2022 , 106,	O
196	First-principles electronic structure investigation of HgBa2CanflCunO2n+2+x with the SCAN density functional. 2022 , 12, 105308	0
195	Breakdown of Adiabatic Superconductivity in Ca-Doped h-BN Monolayer. 2022 , 7, 60	O
194	Superconductivity in CeBeH8 and CeBH8 at moderate pressures. 2022, 34, 505403	0
193	Superconductivity, generalized random phase approximation and linear scaling methods.	O
192	Mo3ReRuC: A Noncentrosymmetric Superconductor Formed in the MoReRu M o2C System. 2022 , 61, 17115-17122	O
191	Unconventional pairing in few-fermion systems at finite temperature. 2022 , 12,	1

190	Variation of fundamental features of cobalt surface-layered Bi-2212 superconductor materials with diffusion annealing temperature. 2022 ,	0
189	Why mercury is a superconductor. 2022 , 106,	O
188	Abnormal quantum moment of inertia and structural properties of electrons in 2D and 3D quantum dots: an ab initio path-integral Monte Carlo study.	0
187	Reentrant superconductivity due to inter-band off-diagonal hopping in a two-band superconductivity model. 2022 , 95,	0
186	Strong band renormalization and emergent ferromagnetism induced by electron-antiferromagnetic-magnon coupling. 2022 , 13,	0
185	Energy gap in hydride superconductors due to spin-amplified phonons. 2022 , 43, 106042	Ο
184	Superconductivity with large upper critical field in noncentrosymmetric Cr-bearing high-entropy alloys. 2023 , 223, 115099	0
183	Differential operators in curvilinear coordinates. 2003 , 645-650	Ο
182	Preface. 2003 , vii-x	О
181	Dedication. 2003 , v-vi	O
180	Fourier transform and Sobolev spaces. 2003 , 623-630	0
179	Copyright Page. 2003 , iv-iv	O
178	Some properties of Bessel functions. 2003 , 614-622	О
177	Compact operators and eigenfunctions. 2003 , 631-644	Ο
176	Finite formulation of electromagnetism. 2003 , 651-653	О
175	Dedication. 2017 , v-vi	Ο
174	Copyright Page. 2017 , iv-iv	0
173	CataniBeymour subtraction. 2017 , 669-684	O

172	The Standard Model. 2017 , 651-668	О
171	Observation of the proton emitter \$\${}_{,57}^{116}\$\$La59. 2022 , 5,	1
170	First-principles calculations on superconductivity and H-diffusion kinetics in MgBH phases under pressures. 2022 ,	O
169	Antiferromagnetic fluctuations and dominant dxy -wave pairing symmetry in nickelate-based superconductors. 2022 , 106,	O
168	Testing for pair density wave order in La1.875Ba0.125CuO4. 2022 , 106,	0
167	Symmetry aspects of chiral superconductors. 1-16	O
166	New Explanation of the Excitation Spectra of Conventional Superconductors.	1
165	Prediction of quaternary hydrides based on densest ternary sphere packings. 2022 , 6,	O
164	Density matrix of electrons coupled to Einstein phonons and the electron-phonon entanglement content of excited states. 2022 , 106,	O
163	Fourfold Symmetric Superconductivity in Spinel Oxide LiTi2O4(001) Thin Films.	O
162	Fermi-Liquid Nonadiabatic Highly Compressed Cesium Iodide Superconductor. 2022, 7, 65	0
161	What can data science tell us about finding new superconductors?. 2022 , 3, 100630	O
160	Metallic group VB transition metal dichalcogenides for electrochemical energy storage. 2022 , 26, 101241	1
159	The uniform electron gas at high temperatures: ab initio path integral Monte Carlo simulations and analytical theory. 2022 , 45, 101015	1
158	Non-monotonic Variation of Superconducting Transition Temperature in BaPtAs B aPtSb Solid Solution. 2022 , 91,	0
157	Towards In Silico Mining for Superconductors C utting the Gordian Knot. 2022 , 1354187	O
156	Models for Pairing Phenomena. 2022 , 1-34	O
155	Estimation of Grfleisen Parameter of Layered Superconductor LaO0.5F0.5BiS2\squareSex ((x = 0.2,0.4,0.6,0.8,1.0)). 2023, 92,	O

154	Theoretical prediction of superconductivity in two-dimensional MXenes of molybdenum carbides. 2022 , 25, 580-589	О
153	On the uniaxial strain (pressure) derivatives of the critical temperature of superconductivity of La2NSrx. 2023 , 604, 1354177	O
152	Towards solving the BCS Hamiltonian gap in near-term quantum computers. 2023, 44, 106131	O
151	Two-dimensional Be2Al and Be2Ga monolayer: anti-van@Hoff/Le Bel planar hexacoordinate bonding and superconductivity.	O
150	MKID Physics. 2022 , 15-28	0
149	The PenroseDnsagerNang Approach to Superconductivity and Superfluidity. 2022, 93-112	O
148	QCD Phase Structure at Finite Baryon Density. 2022 , 1-75	О
147	High Temperature Superconductors. 2022,	O
146	Scalability of Superconductor Electronics: Limitations Imposed by AC Clock and Flux Bias Transformers. 2022 , 1-20	1
145	Hardware Security of SFQ Circuits. 2023 , 135-165	O
144	Spin and charge density waves in quasi-one-dimensional KMn6Bi5. 2022 , 106,	О
143	Designing high-TC superconductors with BCS-inspired screening, density functional theory, and deep-learning. 2022 , 8,	1
142	Spin cross-correlation experiments in an electron entangler. 2022 , 612, 454-458	O
141	Role of the Berry curvature on BCS-type superconductivity in two-dimensional materials. 2022, 106,	O
140	Anomalous superconducting proximity effect of planar Pb ${\bf R}$ hPb2 heterojunctions in the clean limit. 2022 , 7,	0
140		0
	limit. 2022 , 7, On synthesis, stability and superconductivity of ThNb2H12under pressure: ab-inito calculations.	

136	Functional renormalization group study of the two-dimensional Su-Schrieffer-Heeger-Hubbard model. 2022 , 106,	Ο
135	Unconventional self-similar Hofstadter superconductivity from repulsive interactions. 2022, 13,	O
134	Interlayer coherence in superconductor bilayers. 2022 , 106,	О
133	Superconductivity in ThH and PuH Compounds under High-Pressure Conditions: A First-Principles Study. 2200452	Ο
132	Vacancy-Ordered Double Perovskites Cs2BI6 (B = Pt, Pd, Te, Sn): An Emerging Class of Thermoelectric Materials. 2022 , 13, 11655-11662	О
131	Implications of Seiberg-Witten map on type-I superconductors.	Ο
130	Structural and Superconducting Proximity Effect of SnPb Bimetallic Nanoalloys. 2022, 12, 4323	Ο
129	Microscopic dynamics and Bose-Einstein condensation in liquid helium.	Ο
128	Effective quasiclassical models for odd-frequency superconductivity: Energy-inversion symmetry, preserved spectral weight, and Meissner response. 2022 , 106,	0
127	Supercurrent-induced resonant optical response. 2022, 106,	Ο
126	Critical Current Density in d-Wave Hubbard Superconductors. 2022 , 15, 8969	Ο
125	Reduced density matrices/static correlation functions of Richardson daudin states without rapidities. 2022 , 157, 214104	Ο
124	Majorana nanowires for topological quantum computation. 2022 , 132, 231101	0
123	Structural screening of phosphorus sulfur ternary hydride PSH6 with a high-temperature superconductivity at 130 GPa. 2023 , 18,	O
122	Charge excitations across a superconductor-insulator transition. 2022 , 106,	Ο
121	Tunable rapid electron transport in titanium oxide thin films. 2023, 122, 011601	Ο
120	Microscopic origin of the abnormal elastic behavior accompanying the superconducting transition in Nb3Sn crystals: an extended ab initio study. 2023 , 168891	0
119	Theoretical Investigation of the Superconducting and Thermodynamic Properties of Two-Band Model High-Temperature Iron-Based Superconductor Ba1\(\text{NaxFe2As2}.\) 2023, 67, 722	O

118	Research on two-proton radioactivity in density-dependent cluster model. 2023, 66,	0
117	Magnetism in Binuclear Compounds: Theoretical Insights. 2023,	О
116	Superconductivity in the Li-B-C system at 100 GPa. 2023 , 107,	O
115	Bounded vorticity for the 3D Ginzburg[landau model and an isoflux problem.	О
114	The Bosons of the Conventional Superconductors. 1-10	0
113	Superconductivity of graphenelike hydrogen in H2He at high pressure. 2023 , 107,	О
112	Planar tunneling spectroscopy on van der Waals superconductors with AlOx junction grown by atomic layer deposition. 2023 , 133, 013903	O
111	Two-bands Ising superconductivity from Coulomb interactions in monolayer NbSe2.	О
110	Optical classification of excitonic phases in molecular functionalized atomically-thin semiconductors. 2023 , 107,	0
109	The magnetic field driven superconductorfhetal transition in disordered hole-overdoped cuprates. 2023 , 35, 115601	О
108	Superconductivity in SrB3C3 clathrate. 2023 , 5,	0
107	Solution of the BEC to BCS Quench in One Dimension. 2023 , 130,	О
106	Extended analytical BCS theory of superconductivity in thin films. 2023 , 133, 033901	O
105	Mixed-state density operator in a nonlinear quantum system. 2023 , 449, 169205	О
104	Superconductivity and topological properties in the kagome metals CsM3Te5 (M =Ti, Zr, Hf): A first-principles investigation. 2022 , 106,	0
103	Quantifying Nonadiabaticity in Major Families of Superconductors. 2023, 13, 71	О
102	Density-matrix functional theory of the attractive Hubbard model: Statistical analogy of pairing correlations. 2022 , 106,	o
101	The Compliance of the Upper Critical Field in Magic-Angle Multilayer Graphene with the Pauli Limit. 2023 , 16, 256	O

100	Superconductivity. 2023 , 1087-1112	Ο
99	High-Throughput DFT-Based Discovery of Next Generation Two-Dimensional (2D) Superconductors. 2023 , 23, 969-978	1
98	Exploring the Interdependence between Electronically Unfavorable Situations and Pressure in a Chalcogenide Superconductor. 2023 , 11, 61	0
97	Triplet odd-frequency superconductivity in hybrid superconductor f erromagnet structures. 2023 , 169232	O
96	High-entropy silicide superconductors with W5Si3 -type structure. 2023 , 7,	0
95	Stability conditions for a large anharmonic bipolaron. 2023 , 107,	О
94	Thermodynamic properties of non-Hermitian Nambullona-Lasinio models. 2023, 107,	0
93	Evidence for chiral superconductivity on a silicon surface.	O
92	External pressure effects on superfluid density of isotropic s-wave superconductors. 2023, 2431, 012043	0
91	Topological Structure of the Order Parameter of Unconventional Superconductors Based on d- and f- Elements. 2023 , 15, 376	O
90	Superconductivity of repulsive spinless fermions with sublattice potentials. 2023, 5,	0
89	Steady-state Peierls transition in nanotube quantum simulator. 2023 , 9,	O
88	Sign change in c-axis thermal expansion constant and lattice collapse by Ni substitution in transition-metal zirconide superconductor Co1\(\text{N}\) NixZr2. 2023 , 13,	0
87	Prediction of Electrons mediated high-temperature superconductivity in monolayer LiC12.	O
86	Dynamics of Nonlinear Systems: Lasers and Superconductors. 1990 ,	0
85	Superconductivity in hydrated Lix(H2O)yTaS2. 2023 , 11, 3553-3561	O
84	Evidence-based data mining method to reveal similarities between materials based on physical mechanisms. 2023 , 133, 053904	0
83	From a wide band gap to the superconducting proximity effect: Fe on Pb(111). 2023 , 25, 033036	О

82	Long-range skin Josephson supercurrent across a van der Waals ferromagnet. 2023, 14,	O
81	Under blended biferron formation in anti-ferromagnetic clusters: External B-field influence. 2023 , 655, 414747	O
80	Dipolethonopole alternative as the precursor of pseudo-excitonic chargeless half-mode in an integrable nonlinear excitonphonon system on a regular one-dimensional lattice. 2023 , 170, 113306	О
79	Investigation of giant dipole resonance in Mo isotopes within TDHF theory. 2023 , 1034, 122644	О
78	Progress Toward Superconductor Electronics Fabrication Process With Planarized NbN and NbN/Nb Layers. 2023 , 33, 1-12	0
77	Effect of Strain on the Resistivity and Thermal Conductivity of High Purity Niobium. 2023 , 33, 1-5	О
76	Hope and challenge of ternary hydrogen-based superconductors under pressure. 2023, 6, 100046	0
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74	Prediction of superconductivity in Li, K, Ca, and Sr-intercalated blue phosphorene bilayer using first-principle calculations. 2023 , 35, 135601	0
73	The two-gap BCS model in the large-N approximation within a field-theory approach. 2023 , 141, 40001	Ο
72	Superconducting state of the van der Waals layered PdH2 structure at high pressure. 2023,	O
71	Ab Initio Static Exchangellorrelation Kernel across Jacobl Ladder without Functional Derivatives. 2023 , 19, 1286-1299	2
70	Exact magnetic properties of two-dimensional spin-1 Cooper pairs. 2023, 2023, 023101	O
69	Theoretical Investigation of Temperature Dependence of Upper Critical Magnetic Field (HC2) in Two-Band Iron-Based Superconductor Ba1-xRbxFe2As2. 2023 , 36, 503-511	O
68	QCD Vacuum as Dual Superconductor: Quark Confinement and Topology. 2023 , 1-42	1
67	Synthesis of technetium hydride TcH1.3 at 27 GPa. 2023 , 107,	Ο
66	Finite-size criticality in fully connected spin models on superconducting quantum hardware. 2023 , 107,	1
65	Synthesis of superconducting hcp- ZrH3 under high hydrogen pressure. 2023 , 7,	O

64	Exciton P hoton Interactions in Two-Dimensional Semiconductor Microcavities.	O
63	Electronic structure of NdNiO2 superconductor from ab initio density-functional-theory calculations. 2023 , 221, 112082	O
62	Triggering superconductivity, semiconducting states, and ternary valley structure in graphene via functionalization with Si-N layers. 2023 , 107,	O
61	Glassy atomic vibrations and blurry electronic structures created by local structural disorders in high-entropy metal telluride superconductors. 2023 , 32, 101019	O
60	2D-block geminals: A non 1-orthogonal and non 0-seniority model with reduced computational complexity. 2023 , 158, 074106	0
59	The Physical Foundation of Quantum Theory. 2023 , 53,	O
58	Tunable superconductivity and its origin at KTaO3 interfaces. 2023, 14,	1
57	Enhanced superconducting transition temperature via alloying In, Sn and Sb in PbH4 by using first-principles calculations. 2023 , 58, 3996-4004	O
56	Effects of adsorbed molecular ordering to the superconductivity of a two-dimensional atomic layer crystal. 2023 , 7,	0
55	Evidence of high-temperature exciton condensation in a two-dimensional semimetal. 2023, 14,	O
54	Searching for Super-Reflectance from a High Tc Superconductor Mirror Coating. 1988,	0
53	Role of various scattering mechanisms on the resistivity of Pr-doped high-Tc cuprate superconductor YBa2Cu3O7[2023 , 49, 175-182	O
52	Extreme enhancement of superconductivity in epitaxial aluminum near the monolayer limit. 2023 , 9,	O
51	BR Study of Unconventional Pairing Symmetry in the Quasi-1D Na2Cr3As3 Superconductor. 2023 , 9, 70	O
50	References. 2023 , 315-363	0
49	Modulating Charge-Density Wave Order and Superconductivity from Two Alternative Stacked Monolayers in a Bulk 4Hb-TaSe2 Heterostructure via Pressure. 2023 , 23, 2121-2128	O
48	Particle conserving approach to ac-dc driven interacting quantum dots with superconducting leads. 2023 , 107,	0
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46	Robustness of pair structures for nuclear yrast states.	0
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44	A novel two-dimensional superconducting Ti layer: density functional theory and electron-beam irradiation.	0
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40	Electron-phonon coupling in La3In under pressure. 2023 , 35, 245702	O
39	Simulating large-size quantum spin chains on cloud-based superconducting quantum computers. 2023 , 5,	O
38	Ab initio investigation of charge density wave and superconductivity in two-dimensional Janus 2H/1T -MoSH monolayers. 2023 , 107,	0
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23	Microscopic derivation of Ginzburg-Landau theory and the BCS critical temperature shift in a weak homogeneous magnetic field. 2023 , 4, 1-89	0
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21	Models of Mixed Matter. 2023 , 54, 1-68	O
20	Cooper Pair Excitation Mediated by a Molecular Quantum Spin on a Superconducting Proximitized Gold Film. 2023 , 130,	O
19	Engineering Higgs dynamics by spectral singularities. 2023 , 5,	O
19 18	Engineering Higgs dynamics by spectral singularities. 2023 , 5, Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023 , 19,	0
18	Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023 , 19, Colloquium: Room temperature superconductivity: The roles of theory and materials design. 2023 ,	0
18	Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023 , 19, Colloquium: Room temperature superconductivity: The roles of theory and materials design. 2023 , 95,	0
18 17 16	Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023, 19, Colloquium: Room temperature superconductivity: The roles of theory and materials design. 2023, 95, Potential for exciton condensation in a highly conductive amorphous polymer. 2023, 7, Quantum version of the integral equation theory-based dielectric scheme for strongly coupled	0 0
18 17 16	Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023, 19, Colloquium: Room temperature superconductivity: The roles of theory and materials design. 2023, 95, Potential for exciton condensation in a highly conductive amorphous polymer. 2023, 7, Quantum version of the integral equation theory-based dielectric scheme for strongly coupled electron liquids. 2023, 158, 141102 Lanthanide doping and external parameters in RBa2Cu3O7®uperconductors: A brief review.	0 0
18 17 16 15	Depth-Resolved Measurements of the Meissner Screening Profile in Surface-Treated Nb. 2023, 19, Colloquium: Room temperature superconductivity: The roles of theory and materials design. 2023, 95, Potential for exciton condensation in a highly conductive amorphous polymer. 2023, 7, Quantum version of the integral equation theory-based dielectric scheme for strongly coupled electron liquids. 2023, 158, 141102 Lanthanide doping and external parameters in RBa2Cu3O7[Buperconductors: A brief review. 2023, 49, 486-492	OOOOO

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