

Deconfined Quantum Critical Points: Symmetries and D

Physical Review X

7,

DOI: [10.1103/physrevx.7.031051](https://doi.org/10.1103/physrevx.7.031051)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Duality between the Deconfined Quantum-Critical Point and the Bosonic Topological Transition. Physical Review X, 2017, 7, .	2.8	82
2	Realizing topological surface states in a lower-dimensional flat band. Physical Review B, 2017, 96, .	1.1	22
3	Critical behavior of the \mathbb{Z}_2 -Gross-Neveu model: Duality and deconfined criticality. Physical Review B, 2017, 96, .	1.1	25
4	Dirac Fermions with Competing Orders: Non-Landau Transition with Emergent Symmetry. Physical Review Letters, 2017, 119, 197203.	2.9	64
5	Circle compactification and \mathbb{Z}_2 Hooft anomaly. Journal of High Energy Physics, 2017, 2017, 1.	1.6	77
6	Walls, anomalies, and deconfinement in quantum antiferromagnets. Physical Review B, 2018, 97, .	1.1	83
7	Symmetric Fermion Mass Generation as Deconfined Quantum Criticality. Physical Review X, 2018, 8, .	2.8	42
8	Compatible orders and fermion-induced emergent symmetry in Dirac systems. Physical Review B, 2018, 97, .	1.1	23
9	Between Symmetry and Duality in Supersymmetric Quantum Field Theories. Physical Review Letters, 2018, 120, 071604.	2.9	12
10	Lieb-Schultz-Mattis theorem and its generalizations from the perspective of the symmetry-protected topological phase. Physical Review B, 2018, 97, .	1.1	44
11	Fermionic Spinon Theory of Square Lattice Spin Liquids near the Néel State. Physical Review X, 2018, 8, .	2.8	25
12	Frustration and quantum criticality. Reports on Progress in Physics, 2018, 81, 064501.	8.1	73
13	Anomaly matching for the phase diagram of massless \mathbb{Z}_2 -QCD. Physical Review D, 2018, 97, .	1.6	65
14	Continuous Easy-Plane Deconfined Phase Transition on the Kagome Lattice. Physical Review Letters, 2018, 120, 115702.	2.9	35
15	Novel 3d bosonic dualities from bosonization and holography. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
16	Dualities and phases of 3d \mathbb{Z}_2 SQCD. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
17	Strong-weak Chern-Simons-matter dualities from a lattice construction. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
18	Dynamical signature of fractionalization at a deconfined quantum critical point. Physical Review B, 2018, 98, .	1.1	65

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19	Half-filled Landau levels: A continuum and sign-free regularization for three-dimensional quantum critical points. Physical Review B, 2018, 98, .	1.1	24
20	Critical behavior of the QED3 -Gross-Neveu-Yukawa model at four loops. Physical Review B, 2018, 98, .	1.1	29
21	Orbital currents in insulating and doped antiferromagnets. Physical Review B, 2018, 98, .	1.1	19
22	Deconfined criticality from the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{QED} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mdiv} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ -Gross-Neveu model at three loops. Physical Review B, 2018, 98, .	1.1	25
23	Intrinsic and emergent anomalies at deconfined critical points. Physical Review B, 2018, 98, .	1.1	79
24	Quantum distillation of Hilbert spaces, semi-classics and anomaly matching. Journal of High Energy Physics, 2018, 2018, 1.	1.6	25
25	Fermion bilinear operator critical exponents at $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{mathvariant="bold"} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle T_j \text{ETQq0 0 0 rgBT /Overlock 10 Tf 50 497 Td (stretchy="false")} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle$	1.1	6
26	Higher-rank deconfined quantum criticality at the Lifshitz transition and the exciton Bose condensate. Physical Review B, 2018, 98, .	1.1	42
27	Anomaly constraint on massless QCD and the role of Skyrmions in chiral symmetry breaking. Journal of High Energy Physics, 2018, 2018, 1.	1.6	59
28	Anomaly and global inconsistency matching: $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ angles, $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ nonlinear sigma mod. Physical Review B, 2018, 98, .	1.1	68
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32	Chern-Simons fermionization approach to two-dimensional quantum magnets: Implications for antiferromagnetic magnons and unconventional quantum phase transitions. Physical Review B, 2018, 98, .	1.1	10
33	Triangular antiferromagnetism on the honeycomb lattice of twisted bilayer graphene. Physical Review B, 2018, 98, .	1.1	122
34	Numerical investigations of SO(4) emergent extended symmetry in spin-12 Heisenberg antiferromagnetic chains. Physical Review B, 2018, 98, .	1.1	11
35	Three-dimensional dualities with bosons and fermions. Journal of High Energy Physics, 2018, 2018, 1.	1.6	50
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38	Emergent Multi-Flavor QED_{2+1} at the Plateau Transition between Fractional Chern Insulators: Applications to Graphene Heterostructures. <i>Physical Review X</i> , 2018, 8, .	2.8	25
39	Robust cusps near topological phase transitions: Signatures of Majorana fermions and interactions with fluctuations. <i>Physical Review B</i> , 2019, 100, .	1.1	9
40	3d Abelian gauge theories at the boundary. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	42
41	Lattice construction of duality with non-Abelian gauge fields in 2+1D. <i>Physical Review B</i> , 2019, 100, .	1.1	2
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43	High-temperature domain walls of QCD with imaginary chemical potentials. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	13
44	Deconfined criticality in the Gross-Neveu-Yukawa model: The QED_{2+1} expansion revisited. <i>Physical Review B</i> , 2019, 99, .	1.1	25
45	Abelian Higgs model at four loops, fixed-point collision, and deconfined criticality. <i>Physical Review B</i> , 2019, 100, .	1.1	45
46	Interacting valley Chern insulator and its topological imprint on moiré superconductors. <i>Physical Review B</i> , 2019, 100, .	1.1	5
47	UV perspective on mixed anomalies at critical points between bosonic symmetry-protected phases. <i>Physical Review B</i> , 2019, 100, .	1.1	7
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49	Fidelity as a probe for a deconfined quantum critical point. <i>Physical Review B</i> , 2019, 100, .	1.1	18
50	Landau-Ginzburg theories of non-Abelian quantum Hall states from non-Abelian bosonization. <i>Physical Review B</i> , 2019, 100, .	1.1	12
51	Charting the phase diagram of QCD3. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
52	Emergent symmetry and conserved current at a one-dimensional incarnation of deconfined quantum critical point. <i>Physical Review B</i> , 2019, 100, .	1.1	28
53	Transition from a Dirac spin liquid to an antiferromagnet: Monopoles in a QED_{2+1} -Gross-Neveu theory. <i>Physical Review B</i> , 2019, 100, .	1.1	25
54	Numerical determination of monopole scaling dimension in parity-invariant three-dimensional noncompact QED. <i>Physical Review D</i> , 2019, 100, .	1.6	22

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57	Adventure in Topological Phase Transitions in 3+1 -D: Non-Abelian Deconfined Quantum Criticalities and a Possible Duality. Physical Review X, 2019, 9, .	2.8	43
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66	Detecting Signals of Weakly First-order Phase Transitions in Two-dimensional Potts Models. Journal of the Physical Society of Japan, 2019, 88, 034006.	0.7	31
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75	Lieb-Schultz-Mattis type theorem with higher-form symmetry and the quantum dimer models. Physical Review B, 2019, 99, .	1.1	35
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110	Non-Wilson-Fisher kinks of $SO(N)$ numerical bootstrap: from the deconfined phase transition to a putative new family of CFTs. SciPost Physics, 2021, 10, .	1.5	16
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132	Multicritical Deconfined Quantum Criticality and Lifshitz Point of a Helical Valence-Bond Phase. Physical Review Letters, 2020, 125, 257204.	2.9	21
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137	Emergent QCD3 quantum phase transitions of fractional Chern insulators. Physical Review Research, 2020, 2, .	1.3	5
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187	Scaling of the disorder operator at deconfined quantum criticality. SciPost Physics, 2022, 13, .	1.5	16
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