

Alexander A Fedotov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Anderson Transitions for a Family of Almost Periodic Schrödinger Equations in the Adiabatic Case. Communications in Mathematical Physics, 2002, 227, 1-92.	2.2	28
2	An Exact Renormalization Formula for the Maryland Model. Communications in Mathematical Physics, 2015, 334, 1083-1099.	2.2	22
3	On the absolutely continuous spectrum of one-dimensional quasi-periodic Schrödinger operators in the adiabatic limit. Transactions of the American Mathematical Society, 2005, 357, 4481-4516.	0.9	16
4	An exact renormalization formula for Gaussian exponential sums and applications. American Journal of Mathematics, 2012, 134, 711-748.	1.1	15
5	Strong resonant tunneling, level repulsion and spectral type for one-dimensional adiabatic quasi-periodic Schrödinger operators. Annales Scientifiques De L'Ecole Normale Supérieure, 2005, 38, 889-950.	0.8	10
6	The Complex WKB Method for Difference Equations in Bounded Domains. Journal of Mathematical Sciences, 2017, 224, 157-169.	0.4	9
7	The Complex WKB Method for Difference Equations and Airy Functions. SIAM Journal on Mathematical Analysis, 2019, 51, 4413-4447.	1.9	9
8	On the Singular Spectrum for Adiabatic Quasi-Periodic Schrödinger Operators on the Real Line. Annales Henri Poincaré, 2004, 5, 929-978.	1.7	8
9	WKB asymptotics of meromorphic solutions to difference equations. Applicable Analysis, 2021, 100, 1557-1573.	1.3	6
10	POINTWISE EXISTENCE OF THE LYAPUNOV EXPONENT FOR A QUASI-PERIODIC EQUATION. , 2008, , .		4
11	Adiabatic Evolution Generated by a Schrödinger Operator with Discrete and Continuous Spectra. Functional Analysis and Its Applications, 2016, 50, 76-79.	0.4	4
12	Semiclassical Asymptotics of the Spectrum of the Subcritical Harper Operator. Mathematical Notes, 2018, 104, 933-938.	0.4	4
13	Level Repulsion and Spectral Type for One-Dimensional Adiabatic Quasi-Periodic Schrödinger Operators. , 2006, , 383-402.		4
14	On Minimal Entire Solutions of the One-Dimensional Difference Schrödinger Equation with the Potential $l_{\infty}(z) \in \mathbb{R}$. Journal of Mathematical Sciences, 2019, 238, 750-761.	0.4	3
15	Difference equations in the complex plane: quasiclassical asymptotics and Berry phase. Applicable Analysis, 2020, , 1-23.	1.3	3
16	Weakly resonant tunneling interactions for adiabatic quasi-periodic Schrödinger operators. Mémoires De La Société Mathématique De France, 2006, 1, 1-105.	0.4	3
17	Adiabatic almost-periodic Schrödinger operators. Journal of Mathematical Sciences, 2011, 173, 299-319.	0.4	2
18	Complex WKB method for adiabatic perturbations of a periodic Schrödinger operator. Journal of Mathematical Sciences, 2011, 173, 320-339.	0.4	2

#	ARTICLE	IF	CITATIONS
19	A Monodromy Matrix for the Almost Mathieu Equation with Small Coupling Constant. Functional Analysis and Its Applications, 2018, 52, 311-315.	0.4	2
20	On Adiabatic Normal Modes in a Wedge-Shaped Sea. Journal of Mathematical Sciences, 2019, 243, 808-824.	0.4	2
21	Spectral properties of the monodromy matrix for Harper equation. JournÃ©es Ã©quations Aux DÃ©rivÃ©es Partielles, 1996, , 1-11.	0.2	2
22	Starkâ€™Wannier ladders and cubic exponential sums. Functional Analysis and Its Applications, 2016, 50, 233-236.	0.4	1
23	Quasiclassical Asymptotics of Malyuzhinets Functions. Journal of Mathematical Sciences, 2017, 226, 810-816.	0.4	1
24	Berry phase for difference equations. , 2017, , .		1
25	Vladimir Savel'evich Buslaev (obituary). Russian Mathematical Surveys, 2014, 69, 153-158.	0.6	0
26	On minimal meromorphic solutions of difference equations. , 2016, , .		0
27	Complex WKB method for difference equations in unbounded domains. , 2016, , .		0
28	Monodromization and Difference Equations with Meromorphic Periodic Coefficients. Functional Analysis and Its Applications, 2018, 52, 77-81.	0.4	0