Alexander A Fedotov

List of Publications by Year
in descending order

28 papers	161 citations	1163117 8 h-index	1199594 12 g-index
28 all docs	28 docs citations	28 times ranked	32 citing authors

#	Article	IF	Citations
1	WKB asymptotics of meromorphic solutions to difference equations. Applicable Analysis, 2021, 100, 1557-1573.	1.3	6
2	Difference equations in the complex plane: quasiclassical asymptotics and Berry phase. Applicable Analysis, 2020, , 1-23.	1.3	3
3	On Minimal Entire Solutions of the One-Dimensional Difference Schrödinger Equation with the Potential $\varsigma(z)≡≡e^{-2\varsigma iz}$. Journal of Mathematical Sciences, 2019, 238, 750-761.	0.4	3
4	On Adiabatic Normal Modes in a Wedge-Shaped Sea. Journal of Mathematical Sciences, 2019, 243, 808-824.	0.4	2
5	The Complex WKB Method for Difference Equations and Airy Functions. SIAM Journal on Mathematical Analysis, 2019, 51, 4413-4447.	1.9	9
6	Monodromization and Difference Equations with Meromorphic Periodic Coefficients. Functional Analysis and Its Applications, 2018, 52, 77-81.	0.4	0
7	Semiclassical Asymptotics of the Spectrum of the Subcritical Harper Operator. Mathematical Notes, 2018, 104, 933-938.	0.4	4
8	A Monodromy Matrix for the Almost Mathieu Equation with Small Coupling Constant. Functional Analysis and Its Applications, 2018, 52, 311-315.	0.4	2
9	The Complex WKB Method for Difference Equations in Bounded Domains. Journal of Mathematical Sciences, 2017, 224, 157-169.	0.4	9
10	Quasiclassical Asymptotics of Malyuzhinets Functions. Journal of Mathematical Sciences, 2017, 226, 810-816.	0.4	1
11	Berry phase for difference equations. , 2017, , .		1
12	Stark–Wannier ladders and cubic exponential sums. Functional Analysis and Its Applications, 2016, 50, 233-236.	0.4	1
13	On minimal meromorphic solutions of difference equations. , 2016, , .		0
14	Complex WKB method for difference equations in unbounded domains. , 2016, , .		0
15	Adiabatic Evolution Generated by a Schrödinger Operator with Discrete and Continuous Spectra. Functional Analysis and Its Applications, 2016, 50, 76-79.	0.4	4
16	An Exact Renormalization Formula for the Maryland Model. Communications in Mathematical Physics, 2015, 334, 1083-1099.	2.2	22
17	Vladimir Savel'evich Buslaev (obituary). Russian Mathematical Surveys, 2014, 69, 153-158.	0.6	0
18	An exact renormalization formula for Gaussian exponential sums and applications. American Journal of Mathematics, 2012, 134, 711-748.	1.1	15

#	Article	IF	Citations
19	Adiabatic almost-periodic Schrödinger operators. Journal of Mathematical Sciences, 2011, 173, 299-319.	0.4	2
20	Complex WKB method for adiabatic perturbations of a periodic Schrödinger operator. Journal of Mathematical Sciences, 2011, 173, 320-339.	0.4	2
21	POINTWISE EXISTENCE OF THE LYAPUNOV EXPONENT FOR A QUASI-PERIODIC EQUATION. , 2008, , .		4
22	Level Repulsion and Spectral Type for One-Dimensional Adiabatic Quasi-Periodic Schrödinger Operators. , 2006, , 383-402.		4
23	Weakly resonant tunneling interactions for adiabatic quasi-periodic Schrödinger operators. Mémoires De La Société Mathématique De France, 2006, 1, 1-105.	0.4	3
24	Strong resonant tunneling, level repulsion and spectral type for one-dimensional adiabatic quasi-periodic Schrödinger operators. Annales Scientifiques De L'Ecole Normale Superieure, 2005, 38, 889-950.	0.8	10
25	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
26	On the Singular Spectrum for Adiabatic Quasi-Periodic Schrödinger Operators on the Real Line. Annales Henri Poincare, 2004, 5, 929-978.	1.7	8
27	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
28	Spectral properties of the monodromy matrix for Harper equation. Journées Équations Aux Dérivées Partielles, 1996, , 1-11.	0.2	2