

Ekaterina Shchetka

List of publications

1. A. Fedotov, E. Shchetka. Quasiclassical asymptotics of the spectrum of the subcritical Harper operator. *to appear in* Mathematical Notes, Vol. 6, 2018.
2. A. Fedotov, E. Shchetka. Monodromy matrices for Harper equation. *to appear in* Days on Diffraction 2018, pp. 4, St. Petersburg: IEEE.
3. A. Fedotov and E. Shchetka. Complex WKB method for a difference Schrödinger equation with the potential being a trigonometric polynomial. St. Petersburg Mathematical Journal, 2018, 29:2, 363–381.
4. A.A. Fedotov, E.V. Shchetka. The complex WKB method for difference equations in bounded domains. Journal of Mathematical Sciences (New York) 2017, 224: 157-169.
5. A. Fedotov, E. Shchetka. Berry phase for difference equations. Days on Diffraction 2017, pp. 113-116, St. Petersburg: IEEE.  
<https://doi.org/10.1109/DD.2017.8168007>
6. A. Fedotov, E. Shchetka. Complex WKB method for difference equations in unbounded domains. Days on Diffraction 2016, pp. 140-143, St. Petersburg: IEEE.  
<https://doi.org/10.1109/DD.2016.7756830>