

**ERRATA TO THE ARTICLE “CONDITIONS OF DISCRETENESS
OF THE SPECTRUM FOR SCHRÖDINGER OPERATOR AND
SOME OPTIMIZATION PROBLEMS FOR CAPACITY AND
MEASURES”**

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In the paper [1] there is a mistake in the formulation of Theorem 3.1 (p. 285-286). Condition (3.2) must be the following:

$$\forall r \in (0, r_0) : \tilde{\gamma}(r) \in (0, 1) \quad \text{and} \quad \limsup_{r \downarrow 0} r^{-2d/(d-2)} \tilde{\gamma}(r) = \infty,$$

because in the proof of this theorem (p.290) the function $\gamma(r)$, defined by (4.3), satisfies condition (1.5) if and only if $\tilde{\gamma}(r)$ satisfies this condition.

REFERENCES

- [1] L. Zelenko, *Conditions of discreteness of the spectrum for Schrödinger operator and some optimization problems for capacity and measures*, Applied Analysis and Optimization, Vol. **3**, No 2 (2019), 281-306.

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