

## Erratum to: Positive solutions of Schrödinger equations and fine regularity of boundary points

Alano Ancona

Published online: 24 April 2012  
© Springer-Verlag 2012

**Erratum to: Math. Z.**  
**DOI 10.1007/s00209-011-0940-5**

There is a misleading typo in Theorem 1.1 statement (paper's second page). In (ii) the integral should be  $\int_{\Omega} G(x_0, z) V(z) K_y^V(z) dz$  instead of  $\int_{\Omega} G^V(x_0, z) V(z) K_y^V(z) dz$ . Thus the correct statement is as follows.

**Theorem 1.1** *Let  $V \in \mathcal{V}(\Omega, a)$ . Given  $y \in \partial\Omega$ , the following are equivalent:*

- (i) *The point  $y$  is finely regular with respect to the potential  $V$  in  $\Omega$ .*
- (ii) *The integral  $\int_{\Omega} G(x_0, z) V(z) K_y^V(z) dz$  is finite.*
- (iii) *The integral  $\int_{\Omega} G(x_0, z) V(z) K_y(z) dz$  is finite.*

---

The online version of the original article can be found under doi:[10.1007/s00209-011-0940-5](https://doi.org/10.1007/s00209-011-0940-5).

---

A. Ancona (✉)  
Département de Mathématiques, Université Paris-Sud 11, 91405 Orsay, France  
e-mail: [alano.ancona@math.u-psud.fr](mailto:alano.ancona@math.u-psud.fr)