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Continuity of solutions of uniformly elliptic equations in \mathbb{R}^2 . (English) Zbl 0797.35031
Manuscr. Math. 77, No. 4, 415-433 (1992).

We prove that the Green's function of a second order uniformly elliptic operator in \mathbb{R}^2 belongs to the space BMO.

MSC:

- 35J15 Second-order elliptic equations
- 35B45 A priori estimates in context of PDEs
- 35D10 Regularity of generalized solutions of PDE (MSC2000)

Cited in **27** Documents

Keywords:

L^∞ -coefficients; second order uniformly elliptic operator in \mathbb{R}^2 ; Green's function; space BMO

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