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On approximation of the solutions of some semi-elliptic equations in \mathbb{R}^n

It is proved that for some semi-elliptic equations the solution can be obtained as the limit when $\sigma \rightarrow \infty$, of the solution u_σ of a boundary value problem in the generalised ball $B_{\sigma,\mu}$. Also an estimate at infinity for the tempered fundamental solution is obtained.