A criterion of uniqueness of a solution to the Dirichlet problem with the axial symmetry for the three-dimensional mixed type equation with the Bessel operator

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Abstract

By the method of spectral expansions we establish a uniqueness criterion of a solution to the Dirichlet problem for the three-dimensional mixed-type equation with the Bessel operator. © 2014 Allerton Press, Inc.

Keywords

Bessel operator, Dirichlet problem, mixed type equation, spectral method, uniqueness