

On the cases of explicit solvability of a third order partial differential equation

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Abstract

In this paper, the Goursat problem of a third order equation on cases of explicit solvability is investigated, with the help of the Riemann function. Some results and one theorem are given concerning the existence and uniqueness for the solution of the suggested problem. © Shiraz University.

Keywords

The goursat problem, The riemann function, Third order partial differential equation