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SN Partial Differential Equations and Applications It thus encourages and amplifies the transfer of knowledge between scientists with different backgrounds and from different disciplines who study, solve or apply the same types of equations.

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problems involving functions of several variables, and are either solved by hand, or used to create a relevant computer model.

A Course on Partial Differential Equations | Mathematical ...

We are about to study a simple type of partial differential equations (PDEs): the second order linear PDEs. Recall that a partial differential equation is any differential equation that contains two or more independent variables. Therefore the derivative(s) in the equation are partial derivatives. We will examine the simplest case of equations with 2 independent variables. A few

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