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NUMERICAL SOLUTIONS OF THE BURGERS' SYSTEM IN TWO DIMENSIONS



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**Numerical Solutions of the
Burgers' System in Two
Dimensions**
Under Varied Sets of Initial and Boundary Conditions



Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Under Varied Sets of Initial and Boundary Conditions | The two-dimensional Burgers' equation is a fundamental tool which is generally used as a transport equation to model a number of fluid flow phenomena, for example, turbulent flow, shock wave formation and boundary layer formation. In this book, varied sets of initial and boundary conditions for the Burgers' system are generated using Hopf-Cole transformation and separation of variables. These conditions are then used...

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