Accepted Manuscript

An analytical solution for two and three dimensional nonlinear Burgers' equation

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 PII:
 S0307-904X(16)30671-0

 DOI:
 10.1016/j.apm.2016.12.018

 Reference:
 APM 11480

To appear in:

Applied Mathematical Modelling

Received date:10 December 2015Revised date:6 November 2016Accepted date:15 December 2016

Please cite this article as: Q. Gao, M.Y. Zou, An analytical solution for two and three dimensional nonlinear Burgers' equation, *Applied Mathematical Modelling* (2016), doi: 10.1016/j.apm.2016.12.018

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Highlights

- An analytical solution for 2D and 3D Burgers' equation is presented.
- The solution can describe shock wave phenomenon for larger Reynolds number.
- The solution provides a benchmark test for numerical algorithms.

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