## Symmetry And Numerical Solutions For Systems Of Non-Linear Reaction Diffusion Equations

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Many important applications are available for nonlinear reaction-diffusion equation especially in the area of biology and engineering. Therefore a mathematical model for Lie symmetry reduction of system of nonlinear reactiondiffusion equation with respect to one-dimensional Algebra is carried out in this work. Some classes of analytical and numerical solutions are obtained and expressed using suitable graphs.

This is a joint work with Ravendra Singh.