

# Multidimensional modules of partial symmetries for $1D$ and $2D$ nonlinear heat equations

Rodica Cimpoiasu

University of Craiova, 13 A.I.Cuza, 200585 Craiova, Romania

## Abstract

This paper investigates the invariant solutions under the 2–dim and 3–dim modules of partial symmetries (type of nonclassical ones) for  $1D$  respectively  $2D$  nonlinear heat equations.

**PACS:** 05.45.-a, 11.30.Na