

The First Integral Method to Study a Class of Reaction-Diffusion Equations

KE Yun-Quan¹ and YU Jun^{1,2}

¹ Institute of Nonlinear Science, Shaoxing College of Arts and Sciences, Shaoxing 312000, China

² Laboratory of Environmental Spectroscopy, Anhui Institute of Optics and Fine Mechanics, the Chinese Academy of Sciences, Hefei 230031, China

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Abstract: In this letter, a class of reaction-diffusion equations, which arise in chemical reaction or ecology and other fields of physics, are investigated. A more general analytical solution of the equation is obtained by using the first integral method.

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