## 2001 Vol. 35 No. 4 pp. 399-404 DOI:

Conditional Similarity Solutions of the Boussinesq Equation

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Abstract: The direct method proposed by Clarkson and Kruskal is modified to obtain some conditional similarity solutions of a nonlinear physics model. Taking the (1+1)-dimensional Boussinesq equation as a simple example, six types of conditional similarity reductions are obtained.

PACS: 03.40.Kf, 02.30.Jr, 03.65.Ge Key words: conditional similarity reduction, direct method, Boussinesq equation

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