Exact Complexiton Solutions of the (2+1)-Dimensional Burgers Equation

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Based on two different Riccati equations with different parameters, many new types of complexiton solutions to the (2+1)-dimensional Burgers equation are investigated. Such complexiton solutions obtained possess various combinations of trigonometric periodic and hyperbolic function solutions, various combinations of trigonometric periodic and rational function solutions, various combinations of hyperbolic and rational function solutions. – PACS numbers: 02.30.Ik, 05.45.Yv