Nonlinear Sciences > Exactly Solvable and Integrable Systems

Comment on: "New exact solutions of the (3+1)-dimensional Burgers System" [Phys. Lett. A 373 (2009) 181]

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We demonstrate that all exact solutions of the Riccati equation by Dai andWang [C.-Q. Dai, Y.-Y.Wang, Phys. Lett. A 373 (2009) 181-187] are not new and cannot be new because the general solution of this equation was obtained more than one century ago. Moreover we show that some "new solutions" by Dai and Wang of the Riccati equation do not satisfy this equation. We also illustrate that the authors did not obtain any new solutions for solution of the (3+1)-dimensional Burgers system.

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