

New Exact Solution of (N+1)-Dimensional Burgers System

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Abstract: In this letter, using a Bäcklund transformation and the new variable separation approach, we find a new general solution of the (N+1)-dimensional Burgers system. The form of the universal formula obtained from many (2+1)-dimensional system is extended.

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Key words: variable separation approach, (N+1)-dimensional Burgers system, Bäcklund transformation

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