ON THE CAUCHY PROBLEM OF TRANSPORTATION EQUATIONS

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摘要　　In this paper, we prove the global existence of generalized solutions of Cauchy problem for transportation equations; moreover, we construct the solution by generalized potential.

关键词　　Hyperbolic system, generalize

分类号

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Abstract　In this paper, we prove the global existence of generalized solutions of Cauchy problem for transportation equations; moreover, we construct the solution by generalized potential.

Key words　Hyperbolic system　generalized solution　Lebesgue-Stieltjes integral　generalized potenti

DOI:

通讯作者