CLASSICAL SOLUTIONS FOR THE SEMI-LINEAR MOORE-GIBSON-THOMPSON EQUATION

ALI HAKEM[1] AND SVETLIN G. GEORGIEV[@]

ABSTRACT. This paper is devoted to the Cauchy problem for the semi-linear Moore-Gibson-Thompson equation. The considered Cauchy problem is investigated for existence of at least one classical solution. In the paper is proposed a new topological approach for investigation for existence of classical solutions based upon a recent theoretical result.

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[1] LABORATORY ACEDP, DJILLALI LIABES UNIVERSITY, 22000 SIDI BEL ABBES, ALGERIA., [2] FACULTY OF MATHEMATICS AND INFORMATICS, SOFIA UNIVERSITY, BULGARIA.

Email address: [1] hakemali@yahoo.com, [2] svetlingeorgiev1@gmail.com