Differential
Equations
& Applications
Volume 13, Number 3 (2021), 243–255
doi:10.7153/dea-2021-13-14

COEFFICIENT INVERSE PROBLEM FOR THE DEGENERATE PARABOLIC EQUATION

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Abstract. The inverse problem for the degenerate parabolic equation is considered. The minor coefficient of the equation is a polynomial of the first power with respect to the space variable with unknown time-dependent coefficients. The conditions of local in time existence and global uniqueness of the classical solution to this problem are established. The case of weak power degeneration is investigated.

Mathematics subject classification (2020): 35R30, 35K65.
Keywords and phrases: Coefficient inverse problem, parabolic equation, weak power degeneration.

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