CARPATHIAN J. MATH. **20** (2004), No. 1, 7 - 14

The connection between the implicit function theorem and the existence theorem for differential equations

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ABSTRACT. The paper presents a variant of implicit function theorem, as a corollary of existence theorem for solutions of a first order system of partial differential equations.

This results is then extend to the case of implicit function theorem for functions of several independent variables.

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