INITIAL VALUE PROBLEM ON SEMI-LINE FOR DIFFERENTIAL EQUATIONS WITH ADVANCED ARGUMENT

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Abstract. A slight extension of the continuation principle established in [1] is used to prove the existence of solution for the initial value problem for first-order differential equations with advanced argument on semi-line.

Key Words and Phrases: fixed point, continuation principle, initial value problem. **2000 Mathematics Subject Classification**: 47H10, 34K10.

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