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*Dedicated to Professor Ioan A. RUS on the occasion of his 70<sup>th</sup> anniversary*

## **Properties of the solution of an integral equation with modified argument**

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ABSTRACT. In this paper we will use the technique of Picard operators in order to obtain two properties of the solution of the following nonlinear integral equation

$$x(t) = \int_a^b K(t, s, x(s), x(g(s)), x(a), x(b)) ds + f(t), \quad t \in [a, b].$$

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