## About some Volterra problems solved by a particular spline collocation

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Dedicated to the 60<sup>th</sup> anniversary of G. Micula

## **Abstract**

In this paper we propose a collocation method by deficient spline to approximate the solution of Volterra integral equations with constant delay. This method is peculiar for solutions belonging to low regularity class. The existence and uniqueness of the approximating spline are investigated. The algorithm supporting the numerical model is described. Numerical examples illustrate the efficiency the proposed method.