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**NUMERICAL SOLUTION FOR NONLOCAL SOBOLEV-TYPE
DIFFERENTIAL EQUATIONS.**

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In this work, a numerical approximate solution of Sobolev-type differential equation with nonlocal initial boundary conditions is obtained. In particular, Laplace transform method is described for the solution of considered equation. Following Laplace transform of the original problem, an appropriate method of solving differential equations is used to solve the resultant time-independent modified equation and solution is inverted numerically back into the time domain. Some numerical results are presented to show the accuracy of the proposed method.

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