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Short title: A Taylor polynomial approach for solving differential-difference equations.

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Review text:

Title says all. For the readers more deeply interested: the authors consider a non-homogeneous linear differential equation of an $m-$th order containing also terms with a negative shift $-\tau$ of the coordinate. On a closed interval (a, b) containing a point c the mixed three-point boundary conditions connecting solutions at $a,\ b$ and c are imposed. Then, everything (including the solution) is assumed approximated by the truncated Taylor-series expansion of order N at the point c. The claim is that via a careful insertion of all the resulting "matrix" Taylor ansatzs one can determine the Taylor coefficients of the solution by the standard linear matrix inversion technique. For confirmation, four numerical examples are added, with error terms of the order of percents and with N never larger than 11 and with $m = 3$ (once) and $m = 2$.