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*Pseudochaplyna and Pseudokurpel
Bilateral Iteration Processes
for Differential Equations*

The Kurpel twoside method, which generalizes the well-known Chaplygin methods, does not need monotone and verlex of the right side of the equation $x' = f(t, x)$ and the condition of the differentiation of $f(x, y)$ with respect to x .

The method which is proposed in the present paper not only keeps convergence of Kurpel's algorithms and does not demand of differentiation $f(x, y)$ with respect to x .