

## **Block hybrid-like method for solving delay differential equations**

### **ABSTRACT**

The block hybrid-like method is presented and implemented in predictor-corrector mode to solve delay differential equations. The Lagrange interpolation polynomial is implemented to obtain the approximation for the delay terms. The Q-stability of the method is investigated. The illustrative examples are presented to demonstrate the efficiency of the block hybrid-like method.

**Keyword:** Block; Delay differential equations; Hybrid