

# **ON EQUALITY OF NEWTON'S FORWARD, NEWTON'S BACKWARD AND LAGRANGE'S INTERPOLATION FORMULA\***

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## **ABSTRACT**

In this paper Newton's forward interpolation formula is shown to be exactly identical with Newton's backward interpolation formula. When the values of the argument are equidistant, it is also shown that Lagrange's interpolation formula coincides with Newton's forward interpolation formula.

**KEYWORDS:** Argument, Entry, Forward Interpolation, Backward Interpolation