UNIQUENESS RESULTS ON L–FUNCTIONS AND CERTAIN DIFFERENCE–DIFFERENTIAL POLYNOMIALS

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Abstract. Using the notion of weighted sharing, we study the value distribution of a L–function and an arbitrary meromorphic function when certain type of difference-differential polynomials generated by them share a non-zero small function or a non-zero rational function and obtain some uniqueness results which generalises and improves the recent results due to Hao and Chen [3], Mandal and Datta [11].


Keywords and phrases: Meromorphic functions, L-functions, difference-differential polynomial, weighted sharing, uniqueness.

REFERENCES
