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UNIQUENESS OF MEROMORPHIC FUNCTIONS CONCERNING WEIGHTED SET SHARING

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Abstract. In this paper, we investigate the determining of meromorphic functions when non-linear differential polynomials weighted share a set of roots of unity. Our results extend and generalize some results of Sahoo [Ann. Polon. Math., **100**(2011), 127-145], Pramanik and Roy [J. Interdiscip. Math., **25**(2022), 45-62].

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