

A MASTER THEOREM OF SERIES AND AN EVALUATION OF A CUBIC HARMONIC SERIES

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Abstract. In the actual paper we present and prove a new powerful theorem, a *Master Theorem of Series*, with important implications and numerous applications in the area of calculation of series with the generalized harmonic numbers. Using the mentioned theorem, we calculate one of the classical advanced cubic harmonic series by elementary series manipulations.

Mathematics subject classification (2010): 40G10, 40A05.

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