International J. of Math. Sci. & Engg. Appls. (IJMSEA) ISSN 0973-9424, Vol. 8 No. I (January, 2014), pp. 55-61

## ON A PROOF OF THE INEQUALITY $(1 + x)^r > 1 + rx$ , WHERE x > -1 AND DIFFERENT FROM 0 AND r IS ANY NEGATIVE RATIONAL NUMBER

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## Abstract

In this paper, the earlier proofs on the inequality  $(1+x)^r > 1 + rx$ , where x > -1and r is any negative rational number, has been very much simplified in such a manner that a reader can easily understand each step of the proof furnished herein.

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Key Words : *Harmonic Mean, Arithmetic Mean, Geometric Mean, Power Means.* 2000 AMS Subject Classification : 47H10, 54H25.

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