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NOTE ON A CONJECTURE OF R. A. SATNOIANU

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Abstract. In this paper, a conjecture posed in [R. A. Satnoianu, The proof of the conjectured inequality from the Mathematical Olympiad, Washington DC 2001, Gazeta Matematica, 106 (2001), 390–393] is studied once again, a generalization of Satnoianu's inequality is established.

Mathematics subject classification (2000): 26D15, 26D20, 52A40.
Keywords and phrases: Conjecture; generalization; Satnoianu's inequality; Hölder inequality; arithmetic-geometric means inequality.

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