



Volume 7, Issue 4, Article 153

Best Generalization of Hardy-Hilbert's Inequality With Multi-Parameters

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Keywords: Hardy-Hilbert's inequality, Hölder's inequality, weight function, β function.

Date Received: 07/02/06

Date Accepted: 13/04/06

Subject Codes: 26D15.

Editors: [Bicheng Yang,](#)

Abstract: By introducing some parameters and the β function and improving the weight function, we obtain a generalization of Hilbert's integral inequality with the best constant factor. As its applications, we build its equivalent form and some particular results.



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