



Volume 9, Issue 2, Article 59

## A Relation to Hilbert's Integral Inequality and Some Base Hilbert-type Inequalities

**Authors:** [Bicheng Yang](#),

**Keywords:** Base Hilbert-type integral inequality; Parameter; Weight function.

**Date Received:** 17/04/08

**Date Accepted:** 18/05/08

**Subject Codes:** 26D15.

**Editors:** [Josip E. Pecaric](#),

**Abstract:** In this paper, by using the way of weight function and real analysis techniques, a new integral inequality with some parameters and a best constant factor is given, which is a relation to Hilbert's integral inequality and some base Hilbert-type integral inequalities. The equivalent form and the reverse forms are considered.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

search

[\[advanced search\]](#)

copyright 2003

[terms and conditions](#)

[login](#)