



Volume 7, Issue 1, Article 21

A Note On the Accuracy of Ramanujan's Approximative Formula for the Perimeter of an Ellipse

Authors: [Mark B. Villarino](#),

Keywords: Ramanujan's approximative formula, Best constants, Elliptic functions and integrals.

Date Received: 27/06/05

Date Accepted: 19/11/05

Subject Codes: 26D15, 33E05, 41A44.

Editors: [Sever S. Dragomir](#),

Abstract: We present a detailed error analysis, with best possible constants, of Ramanujan's most accurate approximation to the perimeter of an ellipse.



[Download Screen PDF](#)



[Download Print PDF](#)



[Send this article to a friend](#)



[Print this page](#)

[search](#)

[\[advanced search\]](#)

[copyright 2003](#)

[terms and conditions](#)

[login](#)