

journal of inequalities in pure and applied mathematics



Home Editors Submissions Reviews Volumes RGMIA About Us

Volume 8, Issue 1, Article 29

Editors:

A Method For Establishing Certain Trigonometric Inequalities

Authors: Mowaffaq Hajja,

Keywords: Geometric inequalities, Equifacial tetrahedra,

Solid angle.

 Date Received:
 07/11/06

 Date Accepted:
 14/02/07

Subject Codes: 51M16, 52B10.

Peter S. Bullen,

Abstract: In this note, we describe a method for establishing trigonometric inequalities that involve symmetric functions in the cosines of the angles of a triangle. The

method is based on finding a complete set of relations that define the cosines

of such angles.

A Download Screen PDF

Download Print PDF

Send this article to a friend

Print this page

search [advanced search] copyright 2003 terms and conditions login