

The New Triangle in Normed Space

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Abstract

This paper discusses the concept of a new triangle in normed space. This triangle is the development of triangle in Euclidean space and inner product space. Discussion about triangle in a normed space is defined using the Wilson angle. Next will be attested to some fundamental trait of a triangle in the normed space.

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1. Introduction

Bottema O, 2008, has discussed the angle between two lines in Euclid space \mathbb{R}^2 by using dot product [2]. Anton H, 2010, with the idea of inequality Cauchy - Schwarz has provided a sense of the angle between two vectors in the inner product space [1]. Furthermore, Gunawan H, Lindiarni J, and Neswan O, 2008, in his writing has also, discussed some angles between the two vectors in the normed space, i.e angle P , angle I , angle g [3, 4, 5, 6]. As well as Milicic PM, 2011, has covered the angle Thy [4] Valentine and Waymant has covered the Wilson angle [8]. Milicic PM, 2007, also already discuss about the angle B and angle g . This paper will define a new triangle in a normed space with using an angle Wilson. The Wilson angle is introduced by Valentine and Wayment [8]. The study of the Wilson angle is discussed as follows.

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