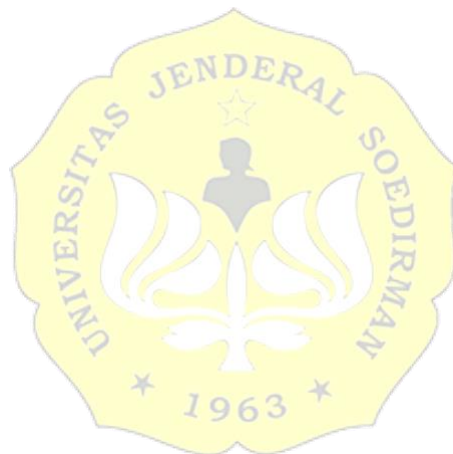


ABSTRAK

Skripsi ini membahas mengenai trivektor beserta hasil kali dalam dan hasil kali luar trivektor dengan vektor. Trivektor merupakan hasil kali luar dari tiga vektor. Hasil kali dalam trivektor dengan vektor memenuhi sifat komutatif. Hasil kali dalam trivektor dengan vektor adalah bivektor. Sementara itu, di \mathbb{R}^3 , hasil kali luar trivektor dengan vektor adalah nol.

Kata kunci: hasil kali dalam, hasil kali luar, komutatif, trivektor, vektor



ABSTRACT

This research discusses the inner product and the outer product between trivector and vector. Trivector is formed by the outer product of 3 vectors. The inner product between trivector and vector fulfills commutative property. The inner product between trivector and vector are bivectors. Meanwhile, in \mathbb{R}^3 , the outer product between trivector and vector are zero.

Keywords: *commutative, inner product, outer product, trivector, vector*

