

ON SERRET-FRENET INVARIANTS OF BISHOP SPHERICAL INDICATRICES

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Abstract

In this work, we determine the Serret-Frenet apparatus of Bishop Spherical Indicatrices in terms of Frenet invariants of basic curve. Thereafter, some new characterizations of a general helix and a slant helix are presented. Additionally, we presented two examples to illustrate the main results.

Key Words : *Spherical Indicatrix, General Helix, Slant Helix, Bishop Frame.*

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