


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On the geometry of null curves in the minkowski 4-space

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4-space

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Abstract: In this paper, we study the basic results on the general study of null curves in the Minkowski 4-space R_1^4 . A transversal vector bundle of a null curve in R_1^4 is constructed using a frenet Frame consisting of two real null and two space-like vectors. The null curves are characterized by using the Frenet frame.

Key Words: Null curves, Minkowski space, Transversal vector bundle.

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