

Some Characterizations of Relatively Normal-Slant Helices in Minkowski 3-Space

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In this talk, we will present the relatively normal-slant helices lying on timelike as well as spacelike surfaces in Minkowski 3-space. First, we will obtain the axes of spacelike and timelike relatively normal-slant helices via their Darboux frames.

We also establish characterization theorems for spacelike and timelike relatively normal-slant helices in Minkowski 3-space.

Finally, we will derive the relationship between the relatively normal-slant helices and slant helices on timelike as well as spacelike surfaces.