
GEODESICS ON SPACE-LIKE HELICOIDAL SURFACES IN MINKOWSKI 3-SPACE

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ABSTRACT

In this talk, the equations of geodesics on the space-like helicoidal surfaces in the forms of integral will be found by using Euler-Lagrange equations in Minkowski 3-space. Since the all formulas are rather cumbersome for calculations, Simpson's formulas to calculate certain integrals will be used.

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Keywords Geodesics · Euler-Lagrange equation · Helicoidal surface · Minkowski 3-space

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