عنوان مقاله:
مشخص کردن رویه های خط کشی شده اریب در فضای اقلیدسی 3-بعدی

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خلاصه مقاله:

In this study, we give the relationships between the conical curvatures of ruled surfaces generated by the unit vectors of the ruling, central normal and central tangent of a ruled surface in the Euclidean 3-space E^3. We obtain differential equations characterizing slant ruled surfaces and if the reference ruled surface is a slant ruled surface, we give the conditions for the surfaces generated by central normal and central tangent vectors to be slant ruled surfaces.

کلمات کلیدی:
Slant ruled surface, Frenet frame, Conical curvature, Differential equation