Slant Curves in S-space Forms

Saban Güvenç and Cihan Özgür

Department of Mathematics, Balikesir University, Turkey
sabanguvenc@gmail.com

ABSTRACT

In this study, we define slant curves in $\mathcal{S}$-space forms. We obtain a main theorem for slant curves to be biharmonic. Then, we consider this main theorem in four cases. In the final section, we find two examples of slant curves in $\mathbb{R}^{2n+s}(-3s)$.