













- [10] B. O'Neill, *Semi-Riemannian Geometry with Applications to Relativity*, Academic Press, New York, 1983.
- [11] G. Ozturk, B. K. Bayram, K. Arslan, *Weak Biharmonic Curve and Harmonic 1-Type Curve in Semi-Euclidean space  $E_1^4$* , *Acta Universitatis Apulensis*, **40** (2014), 97-101.