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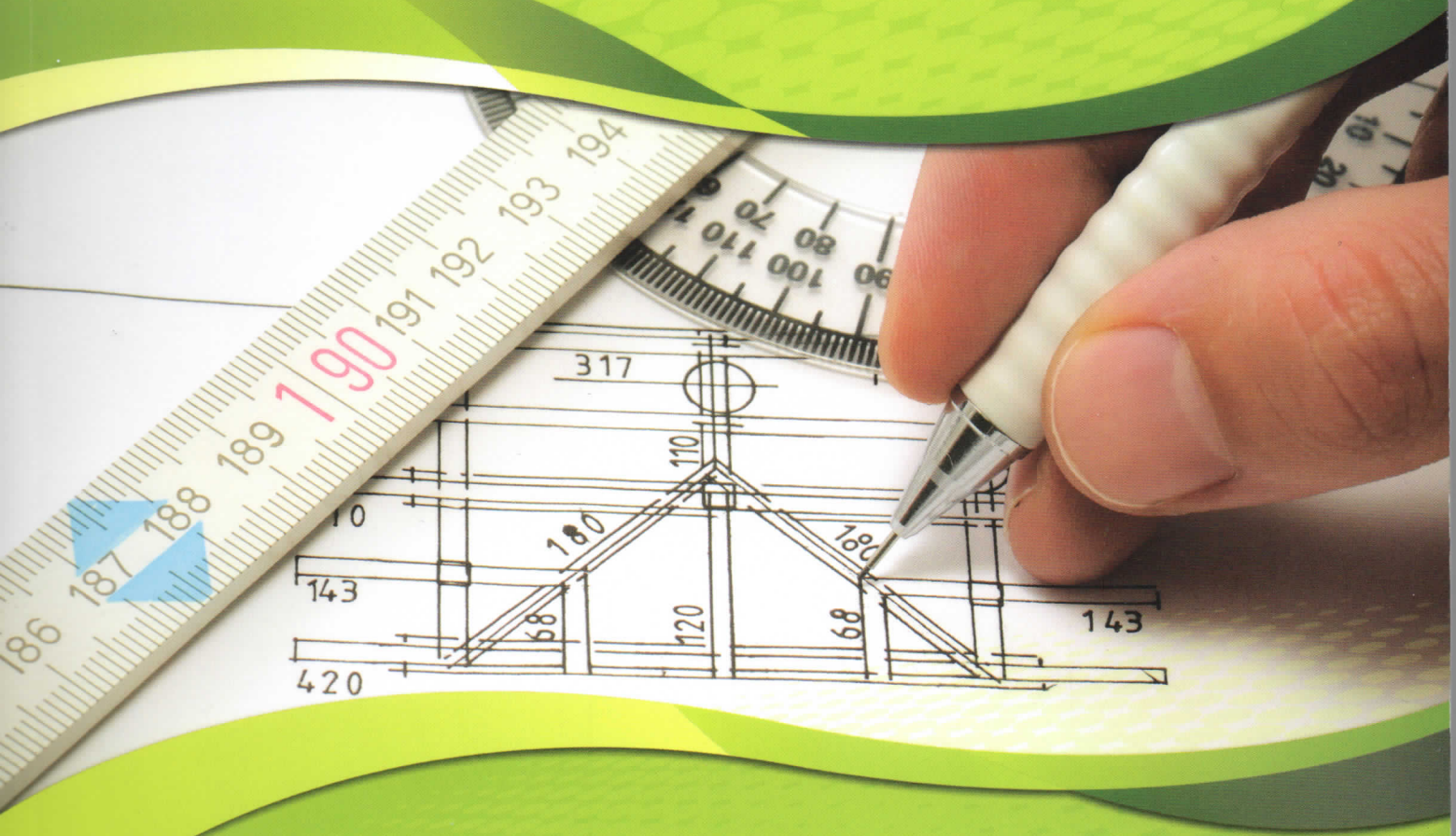
XII. GEOMETRİ SEMPOZYUMU



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Helicoidal Surfaces of Value m in Euclidean 3-Space

Erhan Güler[1]

Abstract. We define a new kind of helicoidal surface of value m in three dimensional Euclidean space. A rotational surface which is isometric to the helicoidal surface of value m is revealed. In addition, we calculate some differential geometric properties of the helicoidal surface of value 3.

Keywords. Helicoidal surface of value m, rotational surface of value m, mean curvature, Gaussian curvature, Gauss map.

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XII. GEOMETRİ SEMPOZYUMU

KATILIM BELGESİ

Sayın ***Yrd. Doç. Dr. Erhan GÜLER***

"Helicoidal Surfaces of Value m in Euclidean 3-Space"

isimli çalışmasıyla 23-26 Haziran 2014 tarihleri arasında Bilecik Şeyh Edebali Üniversitesi, Fen Edebiyat Fakültesi, Matematik Bölümü tarafından düzenlenen XII. GEOMETRİ SEMPOZYUMU'na bildirili katılmıştır.

Prof. Dr. H. Hilmi HACISALİHOĞLU

Düzenleme Kurulu Başkanı