

Download Complete Minimal Surfaces Of Finite Total Curvature

complete minimal surface of finite total curvature was the first one explicitly constructed by first specifying a geometric property — in this case, end behavior — and then deriving the necessary Weierstrass data. This monograph contains an exposition of the theory of minimal surfaces in Euclidean space, with an emphasis on complete minimal surfaces of finite total curvature. Our exposition is based upon the philosophy that the study of finite total curvature complete minimal surfaces in \mathbb{R}^3 , in large measure, coincides with the study of meromorphic ... The topology of complete minimal surfaces of finite total Gaussian curvature. *Topology* 22 (2), 203–221 (1983), Zbl. 517.53008 MathSciNet zbMATH CrossRef Google Scholar 43. Real analytic complete non-compact surfaces in Euclidean space with finite total curvature arising as solutions to ODEs Gilkey, Peter, Kim, Chan Yong, and Park, JeongHyeong, *Tohoku Mathematical Journal*, 2017; Exploring the Space of Embedded Minimal Surfaces of Finite Total Curvature Traizet, Martin, *Experimental Mathematics*, 2008 - Complete Minimal Surfaces Of Finite Total Curvature