

Understanding Volumes from an Algebraic Topological Perspective

R. González-Díaz, B. Medrano, P. Real y J. Sánchez Peláez
Dpto de Matemática Aplicada I
E.T.S. Ingeniería Informática
Universidad de Sevilla

Abstract

Roughly speaking, in this talk we show how to use an algebraic-topological technique developed by the authors, called AT-model, in problems of topological analysis, control, simplification and representation of 3D and 4D digital images.