

International Seminar on Applied Geometry in Andalusia

Granada (Spain) September 4-8, 2006

MASSIMO FERRI (UNIV. BOLOGNA)

Geometrical Methods in Application and Industry in Italy

A survey of different applications of geometry by Italian researchers is presented. Items touched will be:

- Methods from projective geometry in computer vision.
- Parametrization of triangulated surfaces and related problems.
- Retrieval of trade marks through size functions.
- Building of surface models.
- Geometric methods in motion analysis.
- Subriemannian geometry for the description of the visual cortex.
- Applications of finite geometries to information security.