

IMA Tutorial

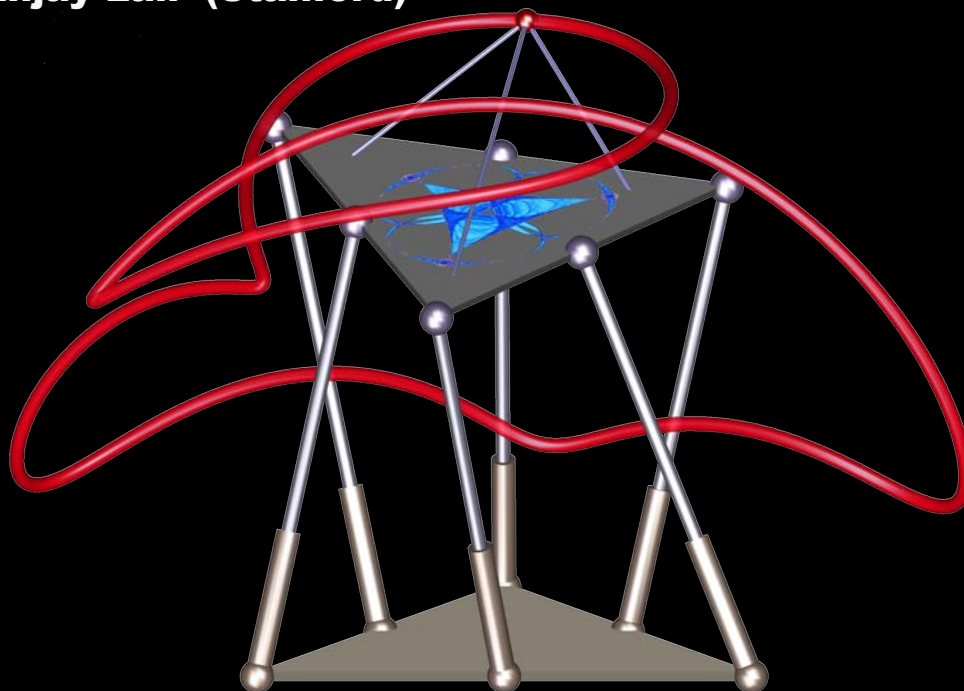
Algebraic Geometric Methods in Engineering

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The goal of this tutorial is to present an introduction and representative sample of scientific and engineering applications of algebraic-geometric methods, emphasizing the available opportunities and applicability of the techniques.

Sanjay Lall (Stanford)

Control Theory and Algebraic Geometry

Fabrice Rouillier (INRIA)

Some Certified Methods for Real Solving - Applications in Robotics

Chandrajit Bajaj (U Texas)

Solution of Integral and Differential Equations using Algebraic Splines

Charles Wampler (General Motors)

Mechanisms and Robot Kinematics

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