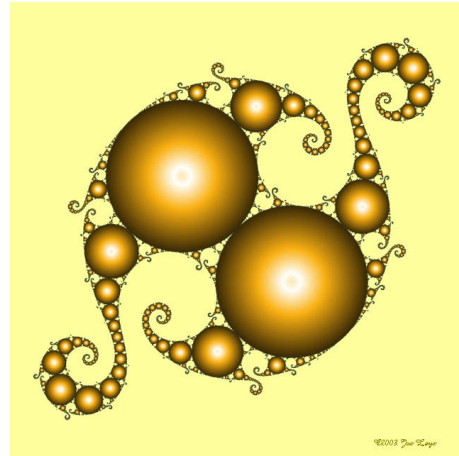


Oberseminar Geometrie
Department of Mathematics
University of Fribourg
Seminar room, Lonza dependence
Wednesday October 29, 2014, 10:20-12:00



Wojciech Krynski (Warsaw):

Equivalence problems for tangent distributions

We present recent results on the local classification of tangent distributions on manifolds (sub-bundles of the tangent bundle). We present methods having origins in control theory. In particular we show how the analysis of optimal paths derived from Pontryagin Maximum Principle can be used to solve the equivalence problem.