

Visualization of algebraic surfaces

10th February

Possible problem: “Removing singularities by a series of monoidal transforms”

Mathematical Keywords

- Algebraic surface
- Projective space
 - Charts
- Homogenous polynomials
- Monoidal transformations

Litterature

- “Undergraduate algebraic geometry” - Miles Reid

Software

- MayAvi + Python
- Surf, jSurf, xSurf, ..., etc.
- Mathematica, Maple, SAGE