

# On the hyperbolicity of general complements

D. Brotbek

In 1970, Kobayashi conjectured that a general hypersurface of sufficiently large degree in a projective space is hyperbolic. There are now different proofs of this conjecture, due to Siu, the speaker and more recently Demailly. Kobayashi also conjecture the the complement of general hypersurfaces of sufficiently large degrees in a projective space are hyperbolic. The goal of this talk is to present a proof of this conjecture. This is a joint work with Ya Deng.