

1038-14-93

Jaroslav Włodarczyk* (wlodar@math.purdue.edu), Department of Mathematics, Purdue University, 150 N. University Street, West Lafayette, IN 47907. *Title: Resolution algorithm in characteristic zero and its possible extension in positive characteristic.* Preliminary report.

We discuss basic ideas of the simplified Hironaka algorithm of resolution of singularities in characteristic zero and its possible extension in positive characteristic. (Received January 30, 2008)