1041-14-104 **Jaroslaw Wlodarczyk*** (`wlodar@math.purdue.edu`), Department of Mathematics, Purdue University, 150 N University Street, West Lafayette, IN 47907. *Resolution algorithm in characteristic zero and its possible extension in positive characteristic.* Preliminary report.

We discuss basic ideas of the Hironaka algorithm of the resolution of singularities in characteristic zero and its extension in positive characteristic. (Received August 06, 2008)