

« GÉOMÉTRIE ALGÈBRE AFFINE. UN ATELIER EN L'HONNEUR DE PETER RUSSELL »
1–5 JUIN 2009

“AFFINE ALGEBRAIC GEOMETRY. A CONFERENCE IN HONOUR OF PETER RUSSELL”
JUNE 1–05, 2009

Initial algebras and the Jung-van der Kulk theorem

SHIGERU KURODA

Department of Mathematics & Information Sciences
Tokyo Metropolitan University
1-1 Minami-Ohsawa
Hachioji, Tokyo 192-0397
JAPAN

kuroda@tmu.ac.jp

We prove a structure theorem for the initial algebras of certain subalgebras of a rational function field over a field, and discuss relations with Jung-van der Kulk theorem.