

ATELIER EN ANALYSE CONVEXE ET ANALYSE GÉOMÉTRIQUE ASYMPTOTIQUE  
16-20 AVRIL, 2012

WORKSHOP ON CONVEXITY AND ASYMPTOTIC GEOMETRIC ANALYSIS  
APRIL 16-20, 2012

## Algebraic integral geometry

Andreas Bernig<sup>\*</sup>

bernig@math.uni-frankfurt.de

---

We give a survey on some algebraic constructions on the space of valuations (in particular product, module product and two versions of convolution). We also describe their relation to kinematic formulas.

---

<sup>\*</sup>Institut für Mathematik, Goethe-Universität Frankfurt, Robert-Mayer-Str. 10, D-60054 Frankfurt, GERMANY.