

Séminaire de théorie des nombres

Le 15 juin 2026 à 14h (PRG)

Commutative algebra over valuation rings

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Résumé : We discuss some recent and forthcoming work on finitely presented algebras over valuation rings. Specifically, we will discuss properties around regularity and dualizing complexes. We will also explain how Noetherian approximation is used to generalize known results for Noetherian rings to our setup. At the end, we will give applications of our result back to Noetherian rings (e.g. over \mathbb{Z}_p).