Ankündigung Vorlesung SoSe2024

Commutative Algebra A (with a view towards algebraic geometry)
Prof. Dr. Frederik Witt

In this lecture course we will continue the investigation offinitely generated modules over commutative rings which we started in the course GAGA A. In view of applications to algebraic geometry the main theme is set on dimension theory. This involves the definition and investigation of the dimension of rings and modules, Hilbert functions and differentials. Important results will be the existence of the Hilbert polynomial and Krull's Principal Ideal Theorem. More information on ILIAS.

Weitere Informationen auf ILIAS:

Universität Stuttgart
Institut für Diskrete Strukturen und
Symbolisches Rechnen