

FIRST INTRODUCTION TO COMMUTATIVE ALGEBRA

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ABSTRACT

In this lecture we will be discussing the study of commutative rings. During the lecture we are introduced to the properties of the nilradical, Jacobson radical and of the radical of an ideal. At last there will be time to work on some problems of a widely varying difficulty, which I have selected mostly from "Introduction to Commutative Algebra" by Atiyah and MacDonald and "Abstract Algebra" by Dummit and Foote.

Prerequisites: Basic grasp of Ring theory would be advantageous