

INTISARI

KEKOMUTATIFAN RING PRIMA TERHADAP *DERIVATION* DAN IDEAL JORDAN

Oleh

ANDIKA BAGUS ADITYA

20/462269/PA/20241

Pada skripsi ini, akan dibahas mengenai kekomutatifan ring prima R dengan sifat *2-torsion free* terhadap beberapa kondisi yang melibatkan *derivation* dan ideal Jordan dari R . Selanjutnya, kondisi-kondisi tersebut digunakan sebagai syarat cukup ring prima R komutatif.

ABSTRACT

COMMUTATIVITY OF PRIME RING ON DERIVATION AND JORDAN IDEALS

By

ANDIKA BAGUS ADITYA

20/462269/PA/20241

This undergraduate thesis discusses the commutativity of a 2-torsion free prime ring R under several conditions involving derivation and the Jordan ideal of R . These conditions are used as sufficient conditions for the commutativity of the prime ring R .