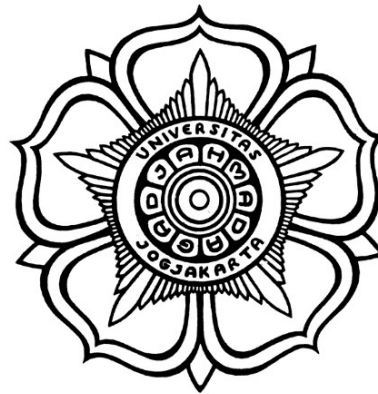


DISSERTATION

RING OF EISENSTEIN INTEGERS: STRUCTURE AND APPLICATIONS

(RING BILANGAN BULAT EISENSTEIN: STRUKTUR DAN APLIKASI)



ABDUL HADI
22/495359/SPA/00841

**DOCTORAL DEGREE PROGRAM OF MATHEMATICS
DEPARTMENT OF MATHEMATICS
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

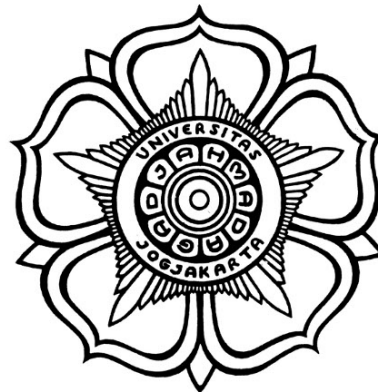
2026

DISSERTATION

RING OF EISENSTEIN INTEGERS: STRUCTURE AND APPLICATIONS

(*RING BILANGAN BULAT EISENSTEIN: STRUKTUR DAN APLIKASI*)

Submitted to fulfill a requirement for the degree of
Doctor of Philosophy in Mathematics, Doctoral Degree Program of Mathematics



ABDUL HADI
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**DOCTORAL DEGREE PROGRAM OF MATHEMATICS
DEPARTMENT OF MATHEMATICS
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UNIVERSITAS GADJAH MADA
YOGYAKARTA**

2026

APPROVAL SHEET

DISSERTATION

RING OF EISENSTEIN INTEGERS: STRUCTURE AND APPLICATIONS

ABDUL HADI
22/495359/SPA/00841

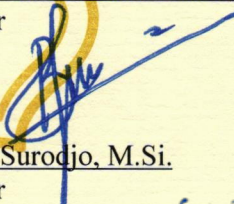
Approved by the Doctoral Examination Committee
Faculty of Mathematics and Natural Sciences
Universitas Gadjah Mada
on 3 July 2026

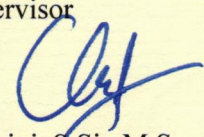

Dr. rer. nat. Wiwit Suryanto, S.Si., M.Si.
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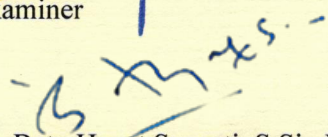

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Supervisor


Prof. Dr. rer. nat. Yeni Susanti, S.Si., M.Si.
Examiner

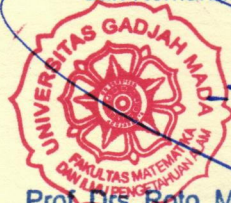

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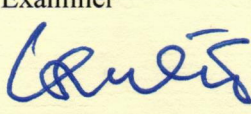

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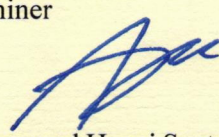

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Mengetahui,
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Wakil Dekan Bidang Pendidikan, Pengajaran
dan Kemahasiswaan



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