

UNIVERSITAS GADJAH MADA

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MODULE HANDBOOK

Module level, if applicable Bachelor Code, if applicable MMM-3203 Subtitle, if applicable Third year (even semester) Semester(6) in which the module is taught Third year (even semester) Person responsible for the module Chair of the Lab. of Algebra Lecturer(s) Dr. Budi Surodjo, M.S. and Dr. Diah Juria Eksi Palupi, MS Language Bahasa Indonesia Relation to curriculum Elective course in the third year (even semester) Type of teaching, contact hours Total workload is 90.67 hours per semester, which consist of 100 minutes lectures per week for 14 weeks, 120 minutes structured activities per week, and 120 minutes individual study per week, in total 16 weeks per semester, which consist of 100 minutes lectures per week for 14 weeks, 120 minutes structured activities per week, and 120 minutes individual study per week, in total 16 weeks per semester, including mid exam and final exam. Credit points 2 (two) Recommended prerequisites Students have taken Theory of Finite Groups course (MIM-1203) and have participated in the final examination of the course. Module objectives/intended After completing this course the students should have: CO.1. ability to orve the properties of finite groups in many areas of algebra CO.2. ability to prove the sylow Theorems Co.4. ability to solve problems in group theory and other fields using the properties of finite groups.	Module name	Theory of Finite Groups							
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50%, and 40%, respectively.		4. Homework 10							
	Media employed	Projector, board, laptop, e-learning via http://elisa.ugm.ac.id							

Reading List	1. Ledermann, W; 1984; Introduction to the Theory of Finite Groups; Interscience Publisher, Inc.
č	2. John B. Fraleigh, 1989, A First Course in Abstract Algebra; Fourth Edition; Addison-Wesley
	Publishing Company, Inc.
	3. David S. Dummit, and Richard M. Foote, 1999, Abstract Algebra, 3rd Ed., John Wiley and
	Sons, Inc., New York
	4. Hans Kurzweil, and Bernd Stellmacher, 2004, The Theory of Finite Groups: An Introduction,
	Springer, http://www.math.ku.dk/~olsson/manus/GruFus/Kurzweil-
	Stellmacher Theory%20of%20finite%20groups.pdf

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9
CO 1						V			
CO 2			V						
CO 3						V			
CO 4			V						
CO 5						V			