

## PREFACE

Assalamualaikum warahmatullah wabarakatuh.

Praise the presence of Allah Subhanahu Wa Ta'ala because with His grace and mercy, the final project with the title **Stabilization Of Autonomous Mobile Robot Navigation Against Moving Obstacle Using Control Lyapunov-Barrier Function (CLBF) Method** can be completed. This book was compiled as a requirement to complete undergraduate education at the Faculty of Electrical Engineering, Telkom University.

In the process of writing this book, it is realized that there are still many deficiency, both from system design and book writing. Therefore, constructive criticism and suggestions are very important.

With humility, it is hoped that this book can be useful and can provide knowledge for readers and can be developed in a better direction.

Thank you.

Assalamualaikum warahmatullah wabarakatuh.



Bandung, 20 September 2022

A handwritten signature in black ink, appearing to be 'Ridlho Khoirul Fachri'.

Ridlho Khoirul Fachri