PREFACE

Alhamdu lillahi rabbil 'alamin, praise to Allah, the most gracious, the most merciful, with the mercy and guidance, the author has successfully finished this thesis with the title of "**REINFORCEMENT LEARNING-BASED RATELESS CODING SCHEME FOR UNMANNED AERIAL VEHICLE (UAV) COMMUNICATIONS**". The author compiled this thesis to fill in the graduation requirements for the Master of Electrical-Telecommunication Engineering School of Electrical Engineering, Telkom University.

Some parts of this thesis have been published in the 2023 Eighth International Conference on Informatics and Computing (ICIC 2023). Other parts will be submitted to the IEEE Transaction on Wireless Communications.

The suggestions for improving this thesis are highly appreciated. Hopefully, this thesis will be improved and contribute to the reader and Indonesia, especially in education and telecommunication research in the future.

Bandung, 12 September 2024

Okzata Recy