

PREFACE

All praise is due to Allah SWT for the guidance and strength that enabled the author to complete this master's research entitled "Implementation Adaptive Kalman Filter (AKF) to Enhancement Accuracy Positioning in Non-Line of Sight (NLOS) Indoor Localization" This thesis is required to complete the Master's Program in Electrical-Telecommunication Engineering, specializing in Regulation and Management of Telecommunication (RMT) at Telkom University.

The author acknowledges that this Master's Thesis is far from perfect and recognizes the limitations inherent in the research process. Therefore, the author sincerely apologizes for any shortcomings that may be present. Some parts of this thesis also have been get form review at the International Journal of Intelligent Engineering and Systems (IJIES 2025). The suggestions for improving this thesis are highly appreciated. Hopefully, this thesis is expected to be improved and provided contributions for the reader and Indonesia especially for education and research of telecommunication on the future especially indoor localization with kalman filter methods.

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