

PREFACE

All praise and gratitude are due to Allah for His grace and guidance. With His blessings, I have successfully completed this thesis, titled “Electricity Load Forecasting Modelling Using Hybrid EEMD-BiLSTM with Spatially Correlated Weather Data.”

This thesis has been prepared as a requirement for earning a Master’s degree in the Informatics program at Telkom University. Additionally, it aims to contribute to the field of Computer Science, particularly in the area of Data Science.

Writing this thesis has been challenging, with various obstacles encountered along the way. These include difficulties in finding relevant journals, time-consuming data preprocessing, and numerous trials and errors to achieve the best results. At times, I also struggled with motivation.

I realize that completing this thesis would not have been possible without the guidance, direction, and support of many individuals. I would like to express my sincere gratitude to all those who have contributed, either directly or indirectly, to its successful completion.

May this thesis provide valuable insights, contribute to the advancement of knowledge and technology, and benefit readers who are interested in this area.

Bandung,



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