

## APPROVAL

**Modeling Massive MIMO Transceiver Antenna for Full-Duplex  
Single-Channel System  
(In Case the Effect of Self Interference)**

This thesis is approved and authorized to be filled  
in the Graduated Program graduation  
Master in Electrical Engineering  
School of Electrical Engineering  
Telkom University

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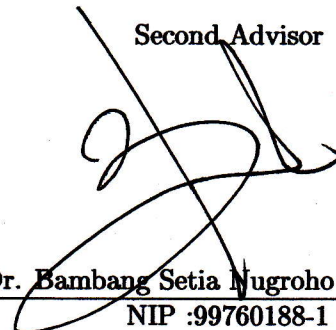
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