

**POWER ALLOCATION BASED LONG SHORT TERM
MEMORY WITH FULLY CONVOLUTIONAL
NETWORK IN D2D MULTI-CELL UNDERLAYING
COMMUNICATION**

**A THESIS SUBMITTED TO
THE SCHOOL OF ELECTRICAL ENGINEERING**

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**IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE OF
MASTER OF ENGINEERING
IN
THE SCHOOL OF ELECTRICAL ENGINEERING
TELKOM UNIVERSITY
2022**