APPROVAL PAGE

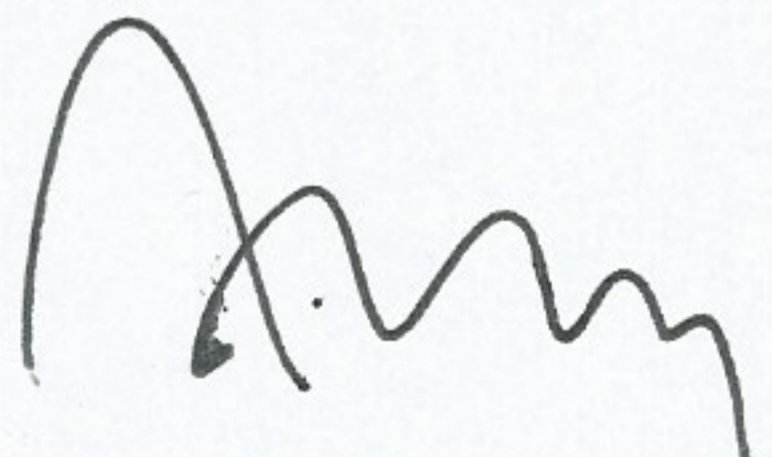## IMPROVING LTE THROUGHPUT
WITH ITERATIVE WATER-FILLING ALGORITHM

This Thesis is Approved and Authorized to be Filed in the Graduate Program Graduation
Master in Electrical Engineering, School of Electrical Engineering,
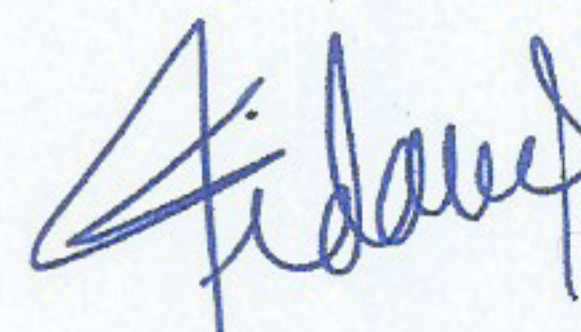Telkom University

By:

DWI SAMEKTO BAWONO
2101139016

Bandung, August 11 , 2016

First Supervisor

Second Supervisor

A. Ali Muayyadi, Ph.D
NIK.93660096-1

DR. Ida Wahidah
NIK. 99760186-1

I