

*The Degree Awarding Committee, in accordance with "The Regulations Concerning
Academic Degrees in the People's Republic of China", has conferred upon*

LE VAN MINH

the degree of

DOCTOR OF Philosophy

in Information and Communication Engineering

with all its rights, privileges and honors

given at Harbin , China, on the seventeenth day of July ,
in the year of 2013

王树国

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President Harbin Institute of Technology Chairman, Degree Awarding Committee

No. 1021322013000493