The University of Waterloo

on the recommendation of the Senate
hereby signifies that

Henghua Deng

has fulfilled the requirements for the degree of

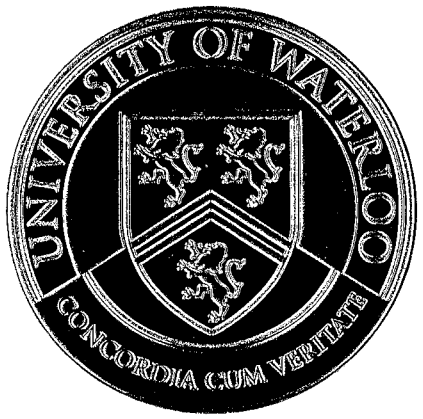
Doctor of Philosophy

Electrical and Computer Engineering

and has been granted admission to that degree with all the rights and privileges thereto appertaining. In witness whereof we attach our names, and the seal of the University.

President and Vice-Chancellor

Registrar



Dean of Graduate Studies

This twenty-second day of October
two thousand and five.