## W A R S A W U N I V E R S I T Y O F T E C H N O L O G Y PLAC POLITECHNIKI 1, 00-661 WARSAW



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## DOCTORAL DIPLOMA

## ISSUED IN THE REPUBLIC OF POLAND

born on the
having submitted the PhD thesis entitled
has been awarded the degree of
DOCTOR OF PHILOSOPHY
in the field of
in the discipline of
pursuant to the resolution of the Scientific Council of the Discipline
of the
Supervisor in the doctoral procedure:
Reviewers in the doctoral procedure:
Warsaw,

