

confers upon

Ms M.Sc.

Faith Njoki Karanja, nee Kamiru,

who was born on 31 December 1968
in Nakuru, Kenya

the degree of

Doctorate of Engineering, [Doktor-Ingenieurin]

she having demonstrated her academic qualifications according to the
rules in the doctoral procedure by means of her dissertation,

"Use of Knowledge-Based Systems for the Detection and Monitoring of
Unplanned Developments"

as well as by her oral examination on 28 June 2002, receiving an overall
assessment of:

passed in good fashion

Hannover, the 28th of June 2002

The President of the University of Hannover

[signature]

Univ.-Prof. Dr. oec. publ. L. Schätzl

The Dean of the Civil Engineering and Surveying Department

[signature]

Univ.-Prof. Dr.-Ing. P. Wriggers

I hereby certify that the above is a true and complete translation from German
made on the grounds of the original document presented to me

Lehrte, Germany, 29 August 2002

