

## University of Groningen

### Fundamentals of grinding

Hegeman, J

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RIJKSUNIVERSITEIT GRONINGEN

FUNDAMENTALS OF GRINDING  
SURFACE CONDITIONS OF GROUND MATERIALS

**Proefschrift**

ter verkrijging van het doctoraat in de  
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op gezag van de  
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om 16.00 uur

door

**Johannes Bernardus Jan-Willem Hegeman**

geboren op 16 maart 1973  
te Groningen

Promotor: Prof. Dr. J. Th. M. De Hosson

Beoordelingscommissie:

Prof. Dr. T. Hibma

Prof. Dr. A. van Veen

Prof. Dr. G. de With

Hegeman, Hans

Fundamentals of Grinding

Surface conditions of ground materials

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Cover: The cover is an impression of ploughed land near the city of Groningen. Although the length scales are very different, the overall impression is very similar to the ground surface of cobalt-tungsten carbide (figure 4.5, on page 77 of this thesis).

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*Nu*

*Nu* ligt besloten in de toekomst  
als een droom die je wilt grijpen

*Nu* is nog kleiner dan een flits  
meteen gevangen door het verleden

*Nu* is een aaneenschakeling  
van verleden, heden en toekomst

*Nu* is je leven

MIREILLE RONHAAR

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J.B.J.W. Hegeman, B.J. Kooi, H.B. Groen, J.Th.M. De Hosson  
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Journal of Applied Physics **86** (7), 3661-3669 (1999)

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In: Surface Treatment IV computer methods and experimental measurements, edited by C.A. Brebbia and J.M. Kenny, WITT Press, Southampton (1999), page 371

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Wear, submitted