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Discrete dislocation modelling of Nano- and Micro-indentation

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**Discrete Dislocation Modelling
of Nano- and Micro-Indentation**

Andreas Widjaja



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Discrete Dislocation Modelling of Nano- and Micro-Indentation

Andreas Widjaja

This thesis (or dissertation) is published as a partial fulfilment
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RuG



The work of the author is a result of four years research work in the Micromechanics of Materials research group as a part of Applied Physics Department of University of Groningen (Rijksuniversiteit Groningen (RuG)), under supervision of Prof. Dr. Ir. Erik van der Giessen.



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University of Groningen
**Zernike Institute
for Advanced Materials**

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*To my beloved parents:
Papa and Mama*

*To my beloved sister:
Kurniaty*

Contents

1	Introduction	1
2	Background Information	7
2.1	Indentation hardness	8
2.2	The mechanics of contact: Hertz's theory	13
2.3	Contact stiffness method for contact area determination in nano-indentation	16
2.4	Experimental indentation size effects of hardness	20
3	Discrete dislocation plasticity	25
3.1	Introduction	26
3.2	General description of discrete dislocation plasticity	26
3.3	Displacement and stress field of an edge dislocation	28
3.4	The Peach-Koehler force and dislocation motion	29
3.5	Dislocation nucleation	30
3.6	Dislocation annihilation	31
3.7	Dislocation obstacles	31
3.8	Algorithm of discrete dislocation dynamics	32
4	The effect of indenter shape on sub-micron indentation according to discrete dislocation plasticity	35
4.1	Introduction	36
4.2	Problem Definition	36
4.3	Numerical Results	39
4.4	Discussion	45
5	Contact area and size effects in discrete dislocation modelling of wedge indentation	51
5.1	Introduction	52
5.2	Discrete Dislocation Formulation	53
5.3	Geometry	54
5.4	Determination of Contact Area	54
5.5	Boundary Conditions	58
5.6	Numerical Results	59
5.7	Surface Roughness	61

5.8	Discussion	63
5.9	Conclusion	65
5.A	Appendix	69
6	Crystal orientation effect on wedge indentation: a discrete dislocation plasticity analysis	71
6.1	Introduction	72
6.2	Discrete Dislocation Formulation	72
6.3	Geometry and Boundary Conditions	74
6.4	Numerical Results	75
6.5	Discussion and Conclusion	87
7	Discrete dislocation analysis of the wedge indentation of polycrystals	95
7.1	Introduction	96
7.2	Discrete dislocation model of polycrystal	96
7.3	Geometry and boundary conditions	98
7.4	Numerical Results	99
7.5	Discussion and Conclusion	112
8	Homogeneous Nucleation of Dislocations: A Review	115
8.1	Introduction	116
8.2	Criterion based on critical resolved shear stress	117
8.3	Stress gradient criterion	120
8.4	Criterion of Elastic Stability	124
8.5	Discussion and conclusion	126
8.A	Appendix: Stress gradient components of circular indentation	129
9	Conclusion and Recommendations	131
	Summary	135
	Acknowledgement	139