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Microstructure and mechanical behavior of cross-linked biopolymer networks

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Microstructure
and mechanical behavior of
Cross-linked biopolymer networks
A computational study

Goran Žagar

**Microstructure and mechanical behavior of
cross-linked biopolymer networks: a computational study**

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A computational study

PhD thesis

to obtain the degree of PhD at the
University of Groningen
on the authority of the
Rector Magnificus, Prof. E. Sterken
and in accordance with
the decision by the College of Deans.

This thesis will be defended in public on

Friday 17 January 2014 at 12.45 hrs.

by

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*To my family
Za moju obitelj*

Acknowledgements

Prior to diving into the matter of the cross-linked bio-polymer networks, I would like to quickly point out some people, without whom the reading that follows in the next chapters would not have come into existence; or it might, but in a completely different way, as in: "And now for something completely different! A man with..."

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Lausanne, 2013.

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