



**MASSEY UNIVERSITY**  
**GRADUATE RESEARCH SCHOOL**

**STATEMENT OF CONTRIBUTION  
TO DOCTORAL THESIS CONTAINING PUBLICATIONS**

(To appear at the end of each thesis chapter/section/appendix submitted as an article/paper or collected as an appendix at the end of the thesis)

We, the candidate and the candidate's Principal Supervisor, certify that all co-authors have consented to their work being included in the thesis and they have accepted the candidate's contribution as indicated below in the *Statement of Originality*.

**Name of Candidate:** Lukas Trombach

**Name/Title of Principal Supervisor:** Prof. Dr. Peter Schwerdtfeger

**Name of Published Research Output and full reference:**

L. Trombach, P. Schwerdtfeger, "Gregory-Newton problem for kissing sticky spheres",  
Physical Review E 98, 033311 (2018)

**In which Chapter is the Published Work:** 9

Please indicate either:

- The percentage of the Published Work that was contributed by the candidate **80%**  
and / or
- Describe the contribution that the candidate has made to the Published Work:

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Candidate's Signature

**08/01/2019**

Date

PeterSchwerdtfeger Digitally signed by  
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Principal Supervisor's signature

**08/01/2019**

Date