

Modeling contact between plastically deformable crystals at the micrometer scale

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Propositions

accompanying the dissertation

MODELING CONTACT BETWEEN PLASTICALLY DEFORMABLE CRYSTALS AT THE MICROMETER SCALE

by

Kelvin NG WEI SIANG

1. Companies should focus less on developing standardized tests for hiring talents.
2. Good propositions are not directly correlated with the quality of the PhD candidate, though bad propositions are.
3. Knowledge of the exact morphology of the contact could after all be unnecessary for understanding the mechanical behavior of the bodies in contact.
4. The future of computational research is that only one numerical method would be sufficient to solve contact problems at all length scales.
5. Baking is ultimate science.
6. The main purpose of sorting waste is to make humans feel less guilty about generating it in the first place.
7. Dislocation density is a misleading quantity to look at when trying to understand how the stresses in the material are relaxed.
8. Every PhD candidate should be allowed to proceed only when they master written and spoken English to at least a near native level.
9. The reason to model two bodies in contact is because one is lonely and three is a crowd.
10. The challenge of Tai Chi is not in its movements, but rather the difficulty of humans to completely relax at will.

These propositions are regarded as opposable and defensible, approved as such by the promotor prof. dr. B. J. Thijssen and copromoter dr. L. Nicola.