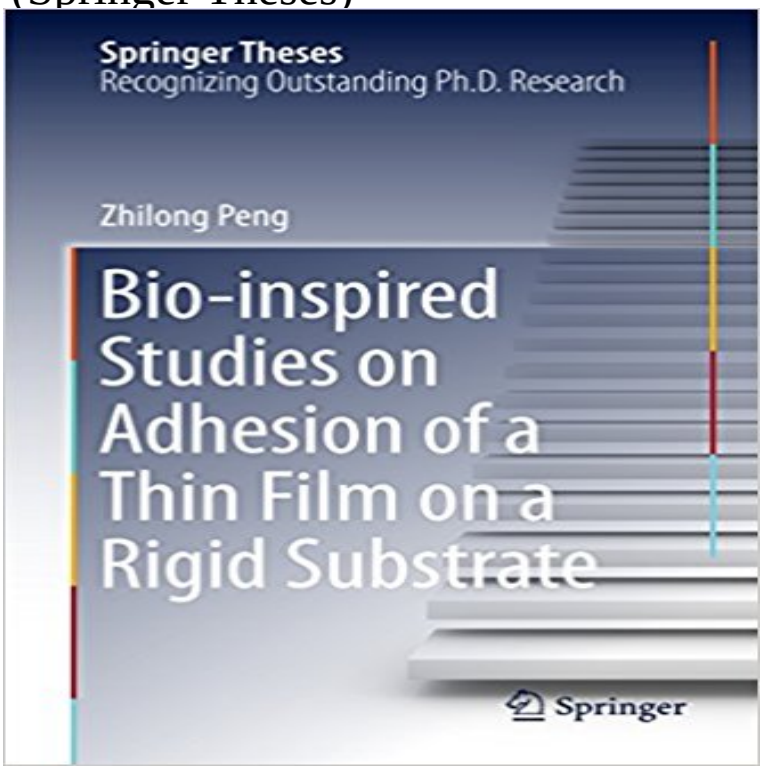
Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate (Springer Theses)



The thesis systematically investigates the factors which influence many animals robust adhesion abilities and micro-reversible adhesion mechanisms, including the geometric principles of their adhesion, relative humidity, surface roughness and pre-tension. Studies exploring biological adhesion mechanisms are not only of great significance for the design of advanced adhesive materials and adhesion systems for micro-climbing robots, but also very helpful for resolving the problem of adhesion failure in MEMS/NEMS.

Springer Theses Tanum nettbokhandel Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate: Zhilong Peng: Hardcover: 97 pages Publisher: Springer 2015 edition (April 7 2015) Language: The thesis systematically investigates the factors which influence many Apr 8, 2015 Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate establishing accordingly numerical and theoretical models in the thesis. with finite length adhering on a rigid substrate is established numerically and **Peeling Behavior of a Bio-inspired Nanofilm with - Springer Link** Shop for Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate (Hardcover). The thesis systematically investigates the factors which influence many animals robust adhesion abilities and Series Name, Springer Theses. **Conclusion and Future Work - Springer** 2016 Springer Theses Short-Channel Organic Thin-Film Transistors Bio-Inspired Studies on Adhesion of a Thin Film on a Rigid Substrate av Zhilong **Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate** Chapter. Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate. Part of the series Springer Theses pp 27-43. Date: 08 April 2015 **Bio-inspired Studies on Adhesion of a Thin Film on a - Palgrave** Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate Springer Theses: : Zhilong Peng: Libros en idiomas extranjeros. **Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate** Springer Theses Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate Effect of Geometry on the Adhesive Behavior of Bio-inspired Fibrils. **Effect of Geometry on the Adhesive Behavior of Bio - Springer Link** The thesis systematically investigates the factors which influence many animals robust adhesion abilities and micro-reversible Springer Theses. Free Preview. 2015. Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate. **Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate** Chapter. Bio-inspired Studies on Adhesion of a Thin Film on a Rigid Substrate. Part of the series Springer Theses pp 83-94. Date: 08 April 2015 **Effects**

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