

# Research About the Skin of Robot Snakes

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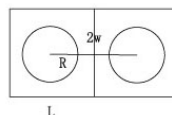
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## Foregone work

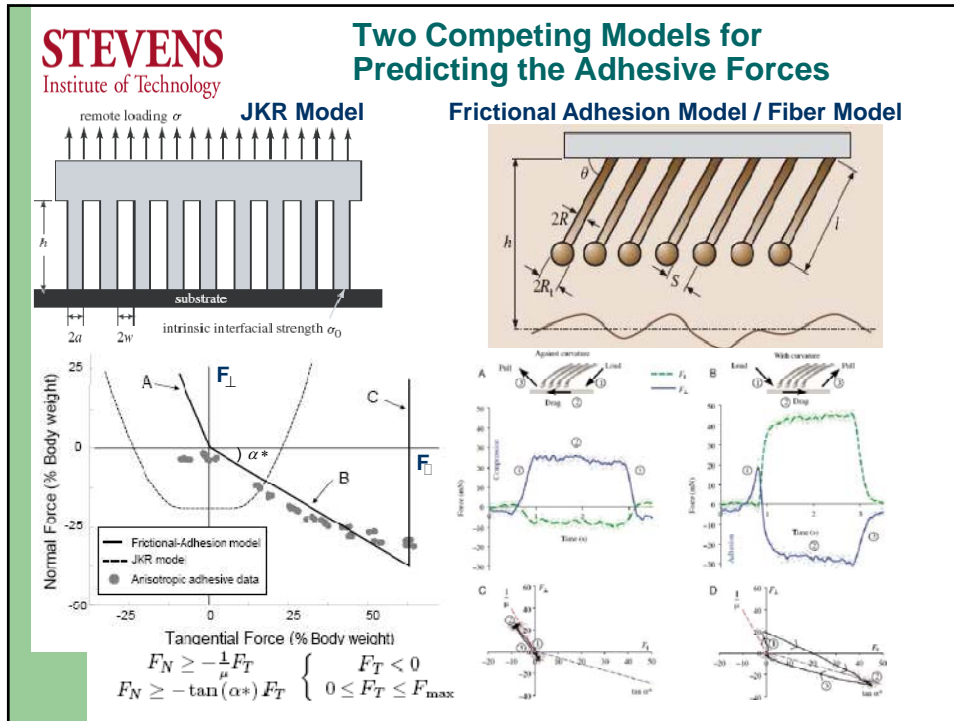
- Robot snake



- Compare about the vander Waals force of the different micro hair array design for PDMS & SU8



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## Future Work

- Enhance the adhesion of the frictional adhesion model.
- Combine the hierarchical structure in the frictional adhesion model which inspired from the gecko adhesion array.
- The robot snake can climb the wall with this skin by certain locomotion.

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## The End

Thank you very much!  
Questions Please?

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