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friction ("stiction") between non-moving surfaces, and kinetic friction between moving ...

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at University of California, San Diego developed a swarm of self-folding origami robots that use the stick-slip phenomenon for locomotion. References [edit]

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We are taught that sliding friction involves the conversion of mechanical energy into heat [1, 2] and that this conversion necessarily is irreversible [3]. The microscopic picture that is usually ...

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mechanisms can give rise to energy dissipation is sliding friction, depending on whether you are dealing with dry friction, boundary lubrication, hydrodynamic lubrication, or maybe electronic friction. In Bo Persson's book the physical models that capture the essential mechanisms of each

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