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and structures morphing aircraft based on smart materials ... - smart materials and structures, morphing aircraft, review introduction the kite, which might be considered the earliest type of aircraft, was invented by the chinese 2000 years ago. these kites were made from easily obtained natural materials: silk fabric or paper for the wings, fine, high-tensile-strength silk for the tether, and bamboo for a strong, lightweight airframe. the first rocket was ...

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