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biomechanics is the study of the structure function and motion of the mechanical aspects of biological systems at any level from whole organisms to organs cells and cell organelles using the methods of mechanics biomechanics is a branch of biophysics in 2022 computational mechanics goes far beyond pure mechanics and involves other physical actions chemistry

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can even fly according to a 2020 study published in the journal bioinspiration biomimetics if the squid are pointed toward the surface the jet of water can propel them into the air

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robot locomotion is the collective name for the various methods that robots use to transport themselves from place to place wheeled robots are typically quite energy efficient and simple to control however other forms of locomotion may be more appropriate for a number of reasons for example traversing rough terrain as well as moving and interacting in human environments

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