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Biomechanics is the application of mechanical laws to living structures, specifically to the locomotor system of the human body. Therefore biomechanics concerns the interrelations of the skeleton, muscles, and joints.

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Biomechanics is the science which applies the laws of mechanics to biological movement. One area of interest to biomechanists is studying the body during sport or exercise situations. Sports biomechanists attempt to answer two basic questions: how to improve performance, and how to make activities safer.

Biomechanics - Wikipedia

Biomechanics, in science, the study of biological systems, particularly their structure and function, using methods derived from mechanics, which is concerned with the effects that forces have on the motion of bodies.

Introduction to Human Biomechanics 1 - Physiopedia

Analysis of the mechanics of human movement is referred to as biomechanics. It is the science of explaining how and why the human body moves in the way that it does. This includes the interaction between the performer and his or her equipment and environment.

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