

The Current State Of Human Gait Simulator Development

Authors : Stepanov Ivan, Musalimov Viktor, Monahov Uriy

Abstract : This report examines the current state of human gait simulator development based on the human hip joint model. This unit will create a database of human gait types, useful for setting up and calibrating mechano devices, as well as the creation of new systems of rehabilitation, exoskeletons and walking robots. The system has ample opportunity to configure the dimensions and stiffness, while maintaining relative simplicity.

Keywords : hip joint, human gait, physiotherapy, simulation

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