

Technique for Designing Parameterized Biomechanical Systems

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Abstract: Designing of biomechanical systems is a complex process requiring the analysis of a great number of parameters and characteristic values, determining the type and purpose of the designed systems. Altering one or several basic parameters causes the need for changing plenty of parameters and carrying out another check-inspection of correctness and adequacy of new values of quantities determining the view of the designed object. The paper also studies the techniques of designing parameterized biomechanical systems enabling to improve the accuracy and minimize the period of new systems designing.