Motion Synthesis of Human and Animal Motion

Transformation of Motion-Captured Data

Applications

Project Overview

Simple motion model
Reduced state space
Statistical analysis
Observed motion in high-dimensional state space
First Step for Transformation of Motion-Capture Data

Progress Through June 2002

Jovan Popovic

MIT2001-08: Model Reduction: Model Reduction for Human and Animal Locomotion
Research Plan for the Next Six Months

MIT2001-08: Model Reduction for Human and Animal Locomotion

Joyan Popovic

Future Work

transformed motion

fit captured motion

captured motion

reduced state space

reduced space

transform in reduced space

fit captured motion