MIT2001-08: Model Reduction for Human and Animal Locomotion

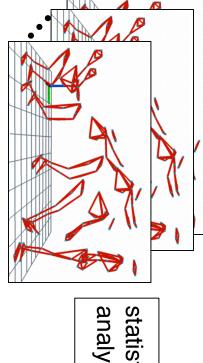
Jovan Popovic



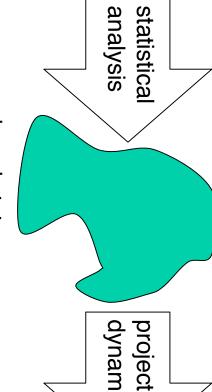




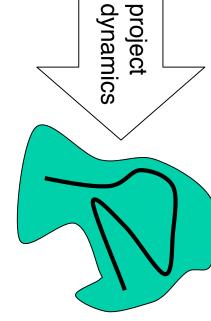
Project Overview



observed motion in highdimensional state space



reduced state space



simple motion model

Applications

Motion Synthesis of Human and Animal Motion Transformation of Motion-Captured Data

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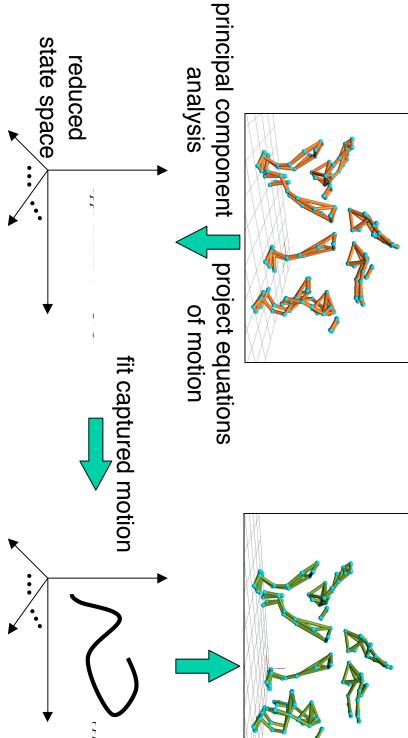
Jovan Popovic

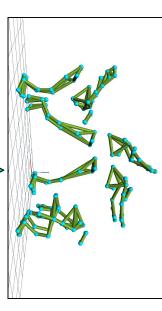


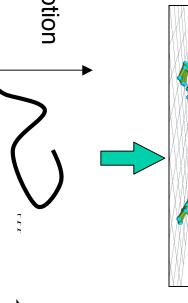


Progress Through June 2002

First Step for Transformation of Motion-Capture Data captured motion motion generated by simple model









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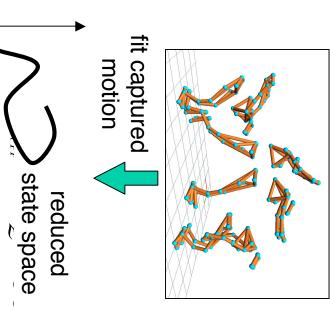
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Research Plan for the Next Six Months

captured motion



Future Work

transformed motion

