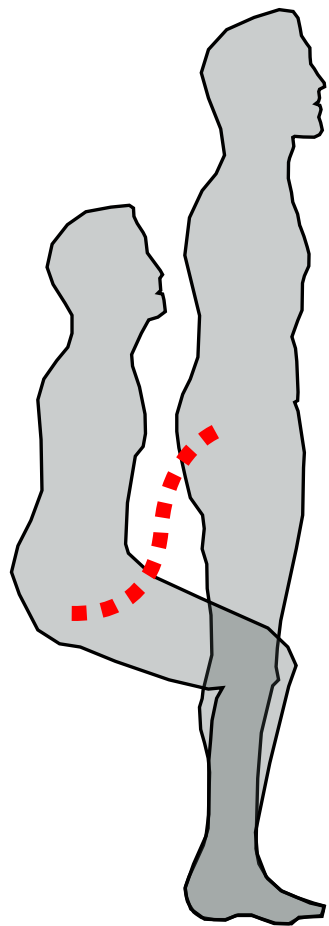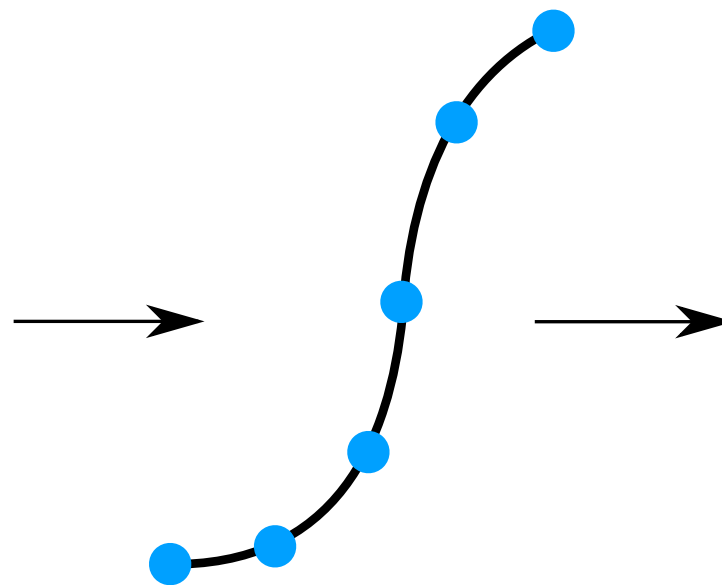# Reasons for Unavailability of Commercial Tools

- Susceptible Synthesis Solvers

    - Chaotic System : due to highly nonlinear nature of the inverse problem

- Design Experience

    - Research community did not consider needs of a non-expert user

    - Inability of capturing designer's intent in problem setup yields misfit solutions

Mechanism Design

Task of Moving Hip
From Sit to Stand
In Natural Motion

Representation
Suitable for Solvers

Computational
Solver