데이터 기반 실시간 의류 시뮬레이션

이인권 교수님

이도해 조교님

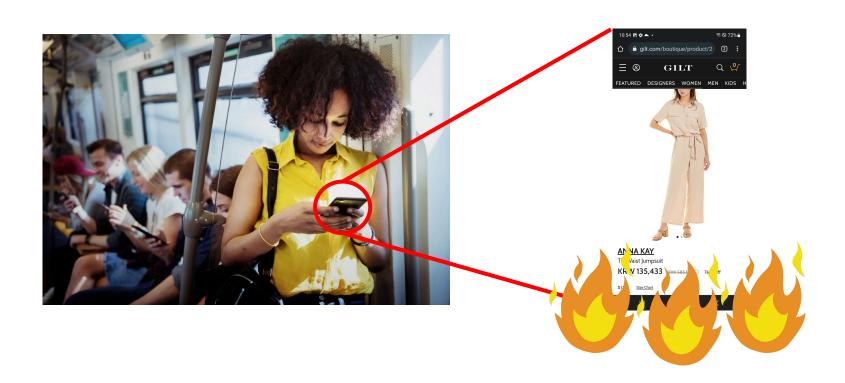
Tailor

전영주 김성하 이규식

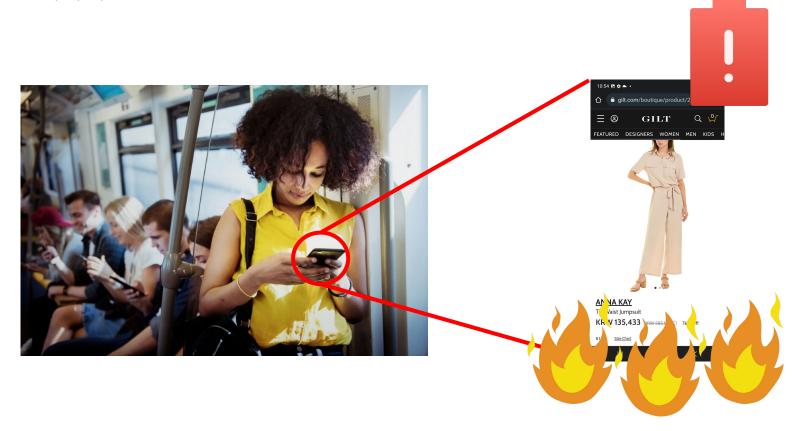
시나리오



시나리오



시나리오



개인화, 사실성

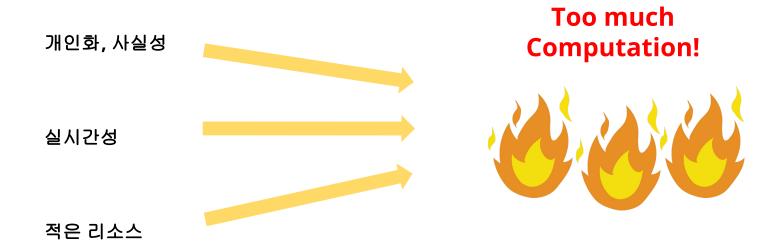
개인화, 사실성

실시간성

개인화, 사실성

실시간성

적은 리소스



Motivation

적은 리소스

실시간성

사실성

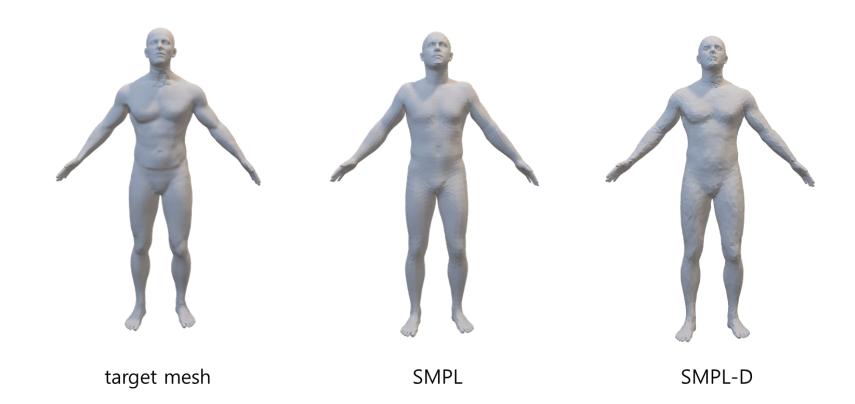


기존 연구 SMPL shape pose Model

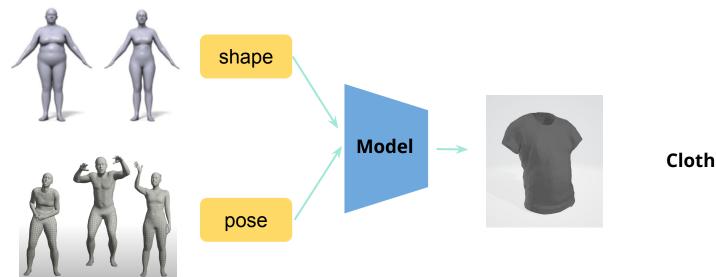
Body Vertex

Cloth Vertex

연구 방향 Displacement

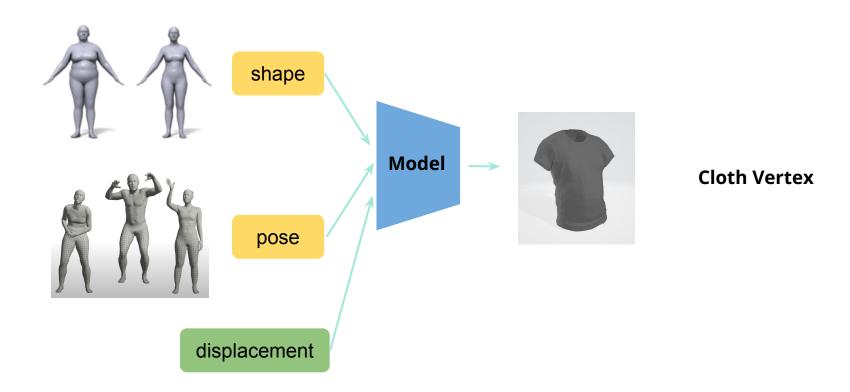


기존 연구



Cloth Vertex

기존 연구



중간 결과

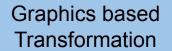


중간결과 한계

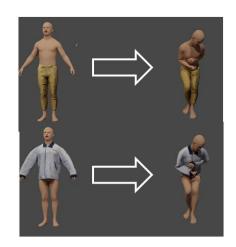


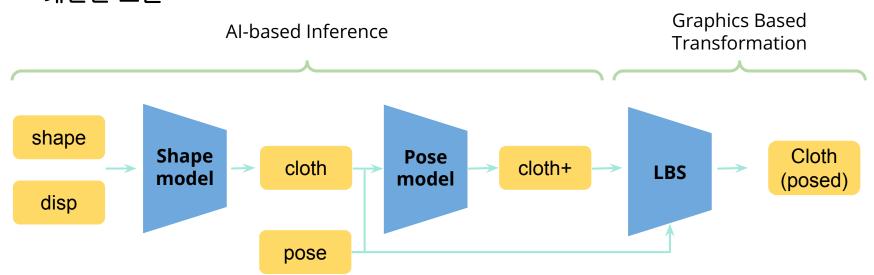


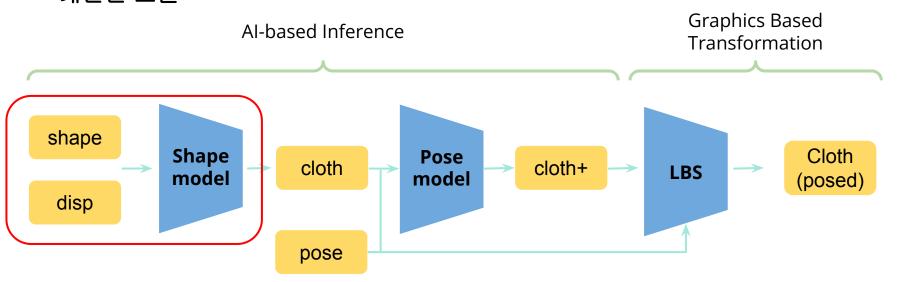
Al based Inference

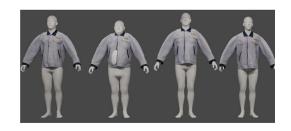


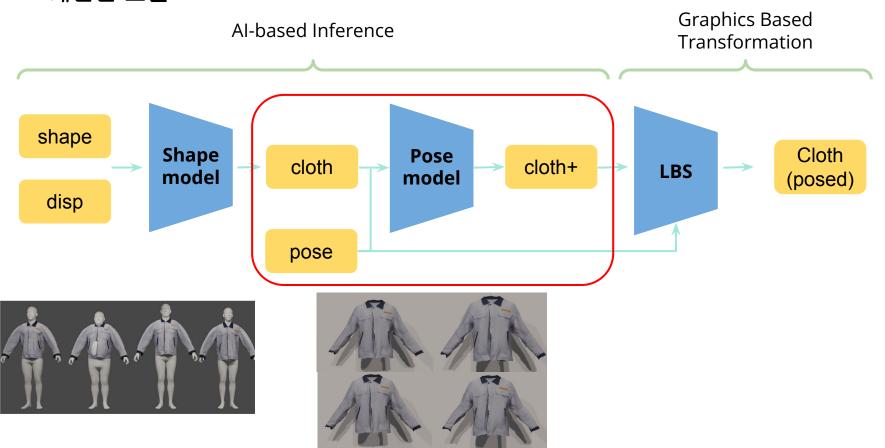


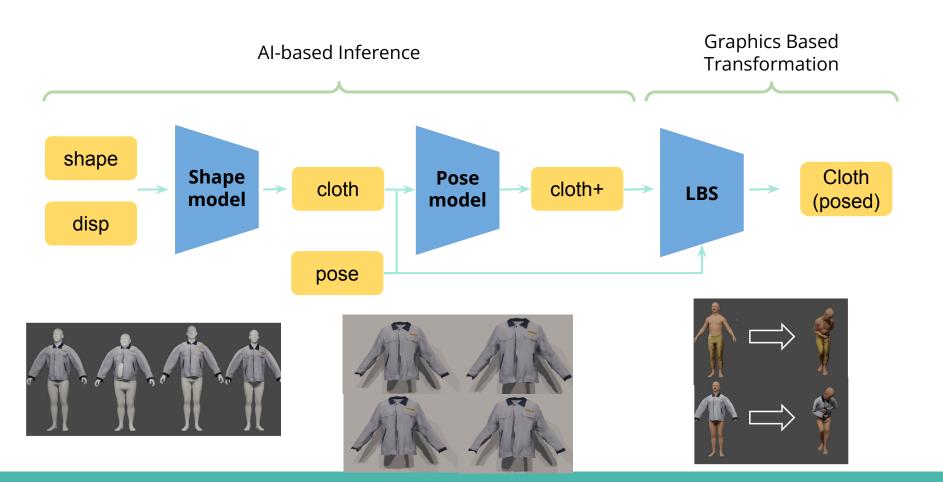








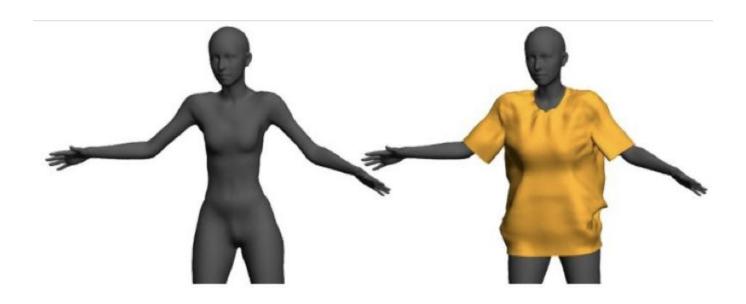




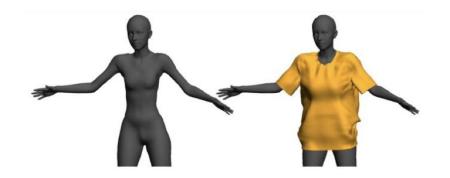
결과



한계점

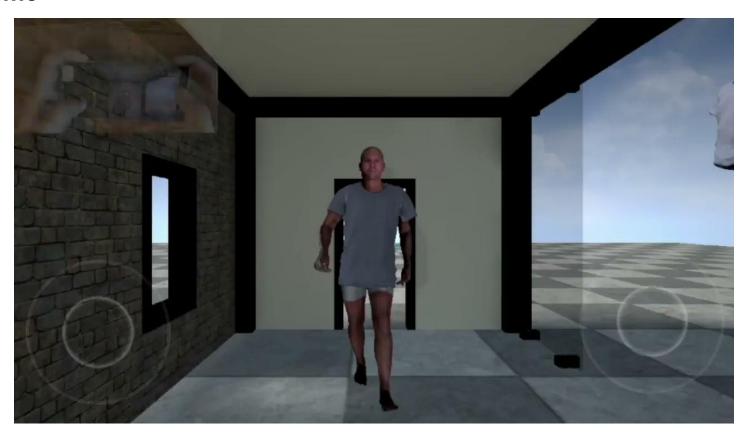


연구 확장



Context-aware Al model

Demo



Thanks

감사합니다!