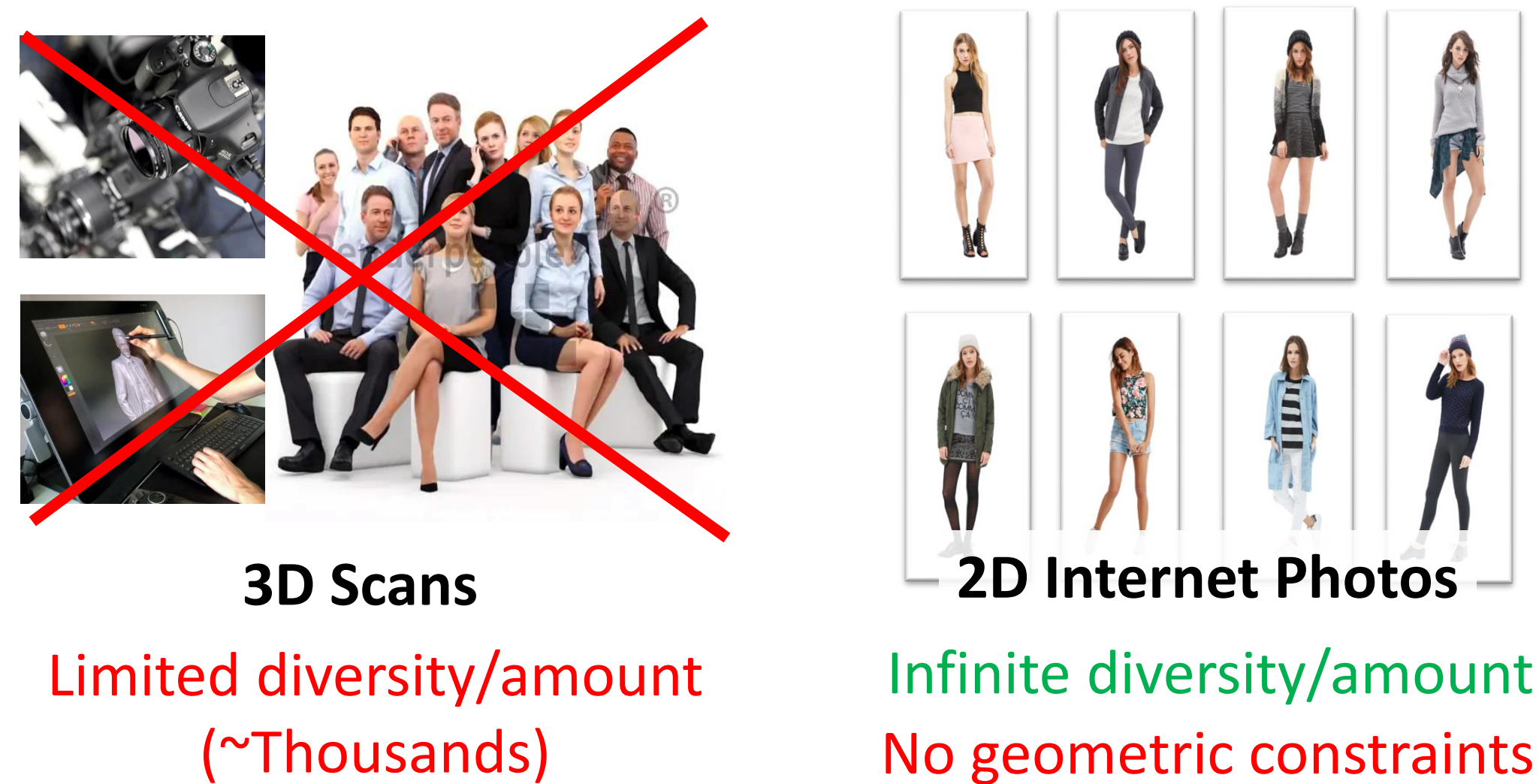


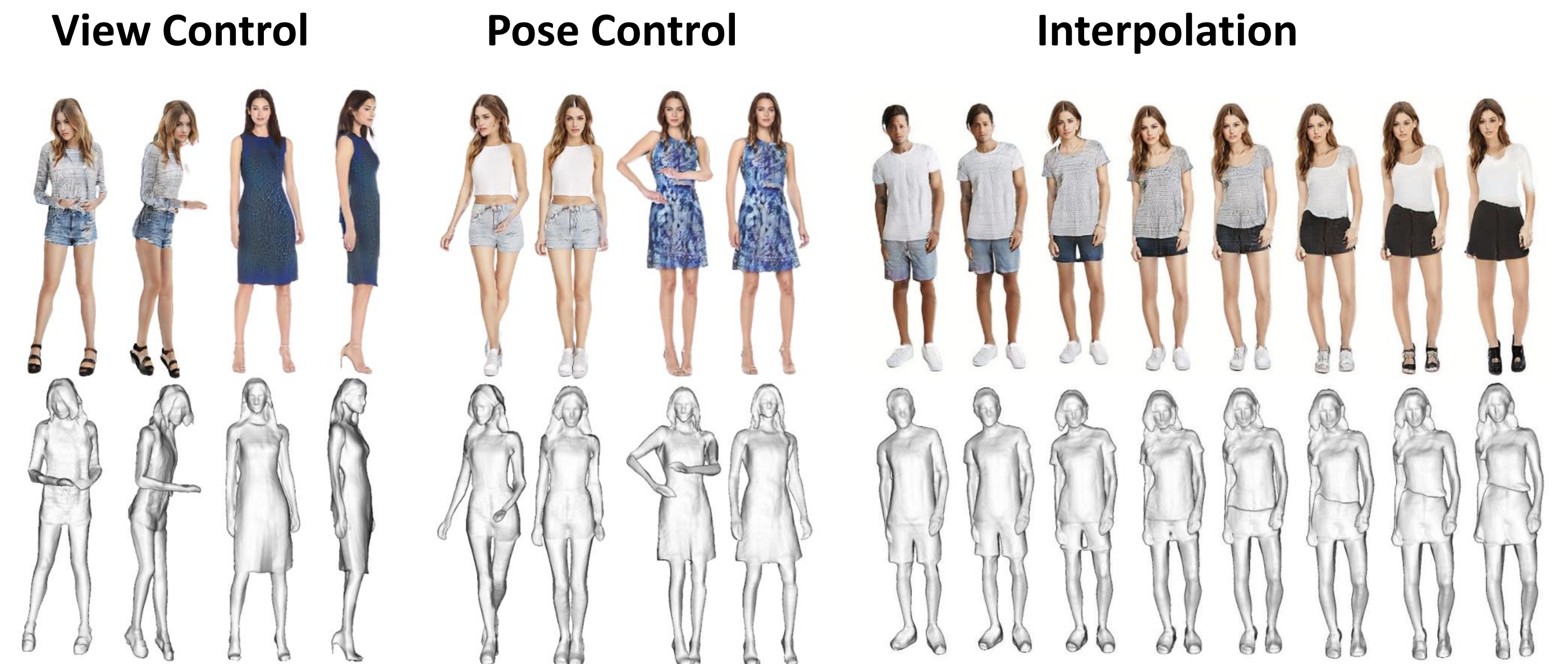
Goal Generative Model of 3D Avatars with Diverse and Good Shape and Texture



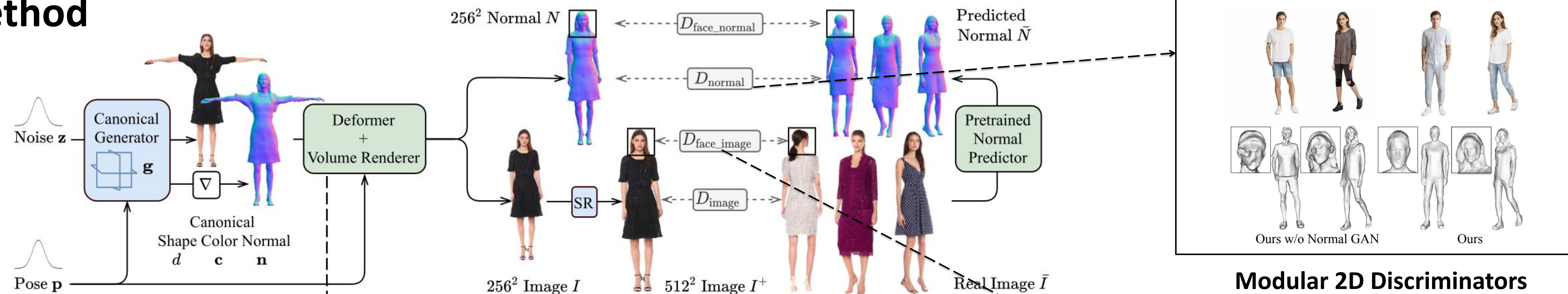
Problem Training Data?



Results

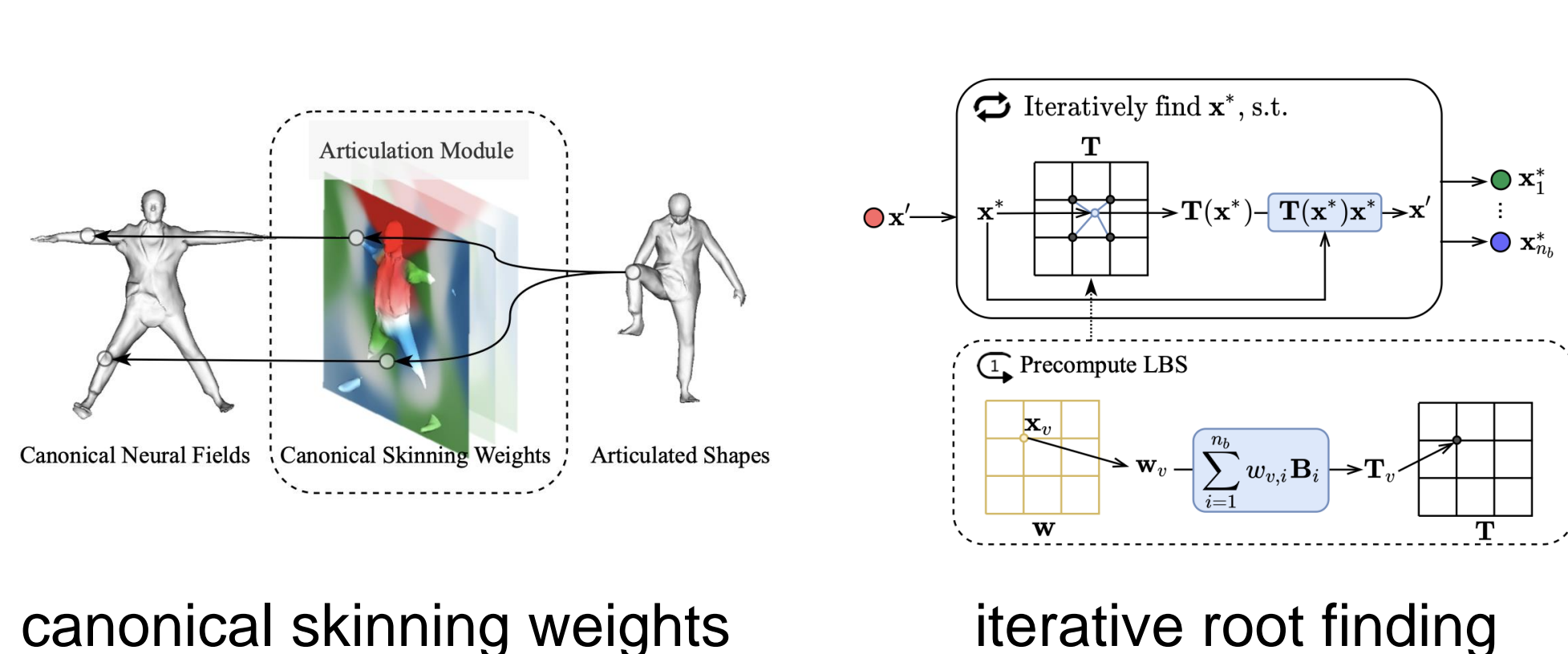


Method

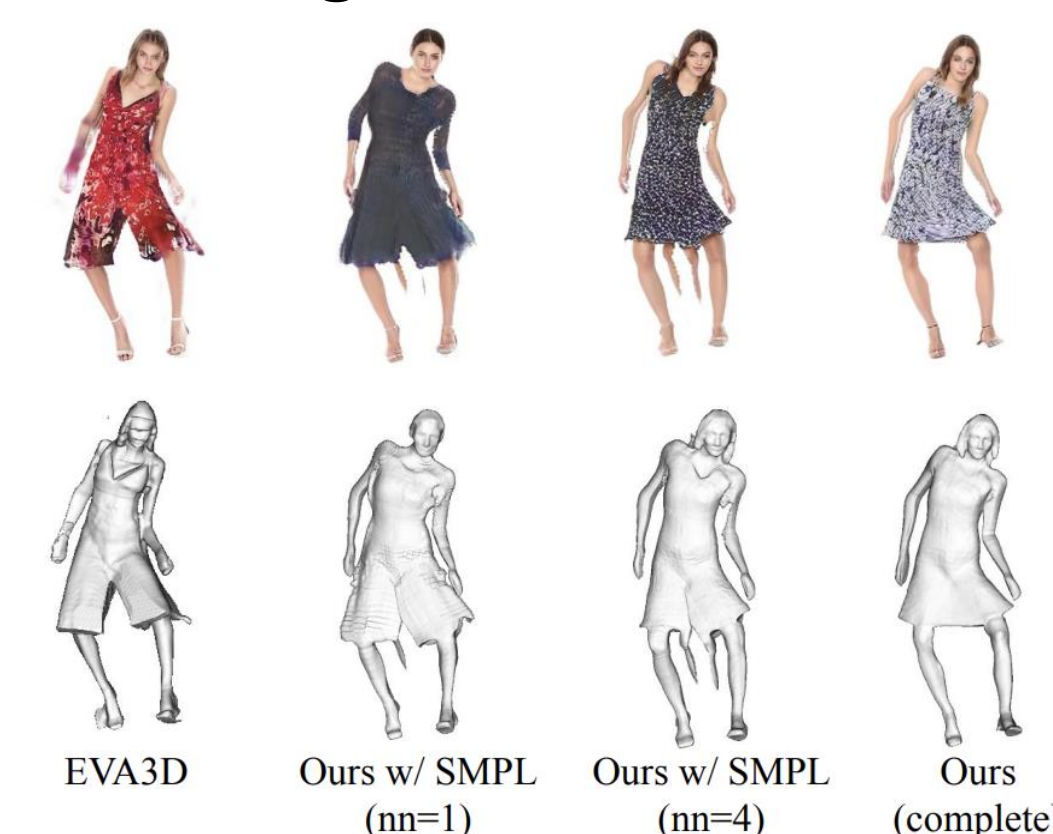


Holistic Generation and Deformation

Deformer (Fast-SNARF)

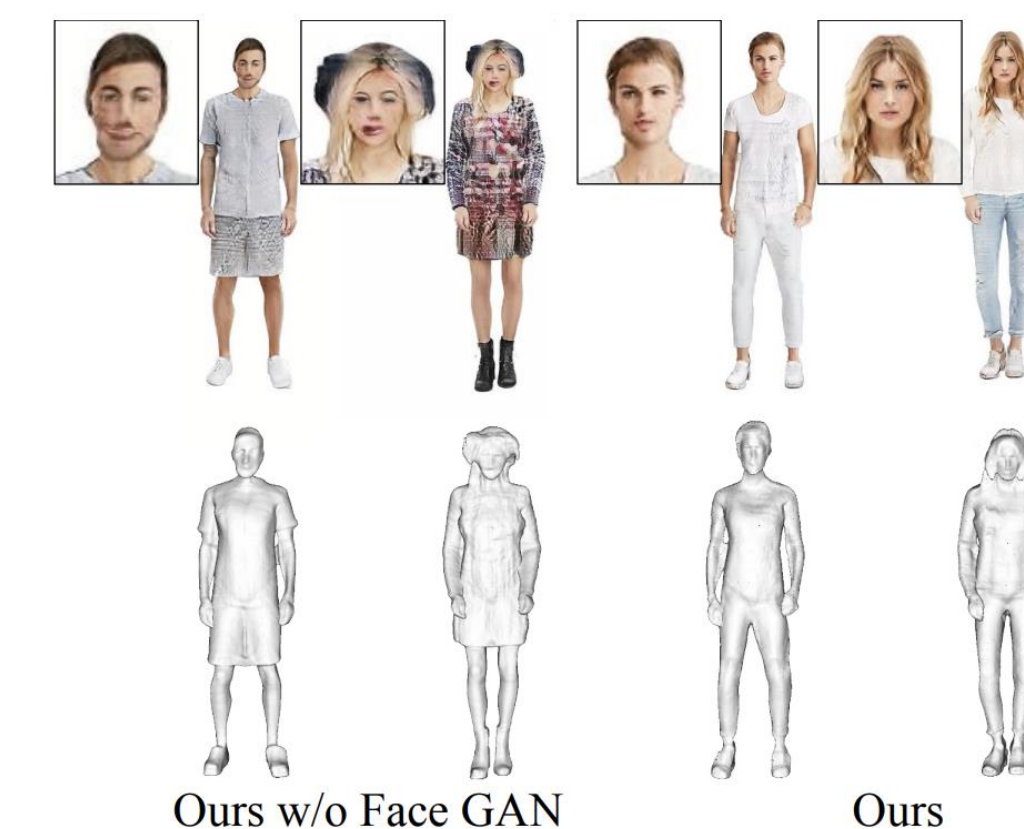


Loose clothing deformation



Modular 2D Discriminators

Face discriminator



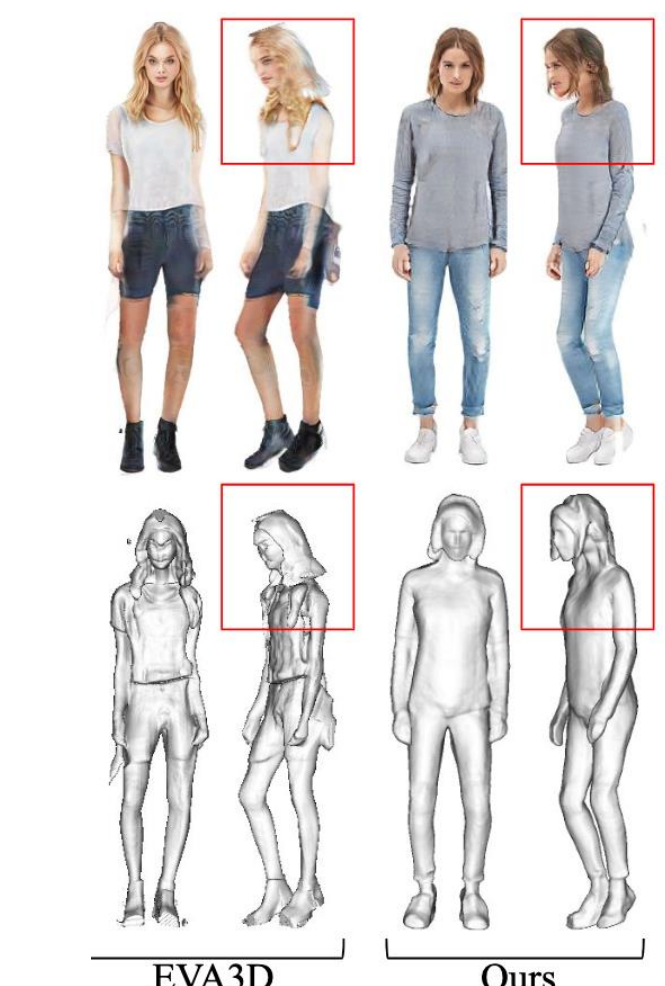
Comparison with SOTA

Method	FID↓	DeepFashion		FID↓	UBCFashion	
		FID _{normal} ↓	FID _{face} ↓		FID _{normal} ↓	FID _{face} ↓
EG3D	26.38*	-	-	23.95*	-	-
StyleSDF	92.40*	-	-	18.52*	-	-
ENARF-GAN	77.03*	-	-	-	-	-
EVA3D	15.91*	-	-	12.61*	-	-
EVA3D (public)	20.45	30.81	17.21	19.81	49.29	54.42
Ours	10.93	20.38	14.79	11.04	18.79	15.83

Better Overall Quality



Better Geometry & Side View



Handle Loose Clothing

