offset $(\nabla x, \nabla y)$

offset queries

Audio features

AM-Trans

Upper key-points

(x, y)

LF-Trans

countour queries

Lower key-points

(x, y)

BM-Trans

basic queries

Predicted landmarks

(a) Landmark completion

Landmarks

CNN layer

Noisying

Denoisying

Image with noise

UNet

Clear image

(b) Face synthesis