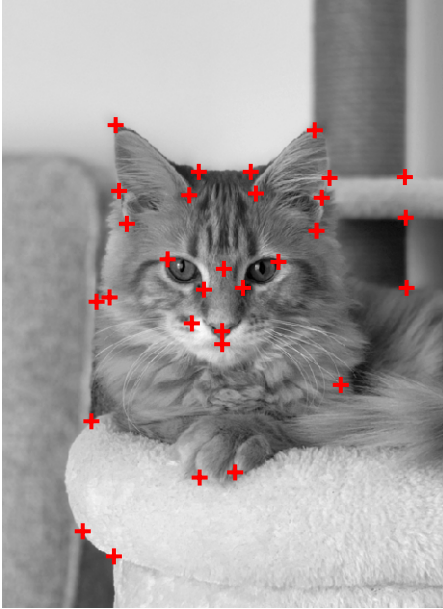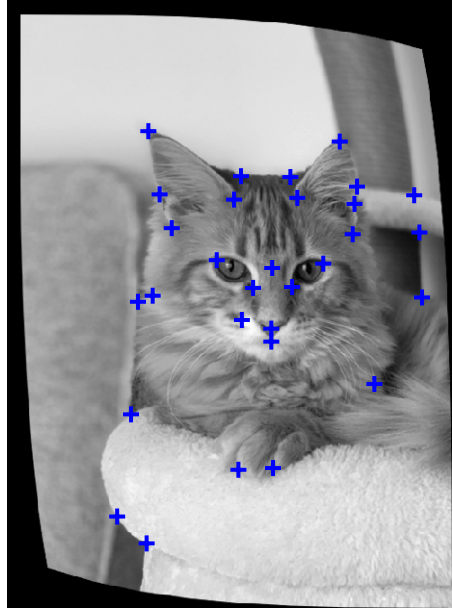Transformation of sparse points

IF(x)

IM(x)

IM(T(x))

IM(x)+pts