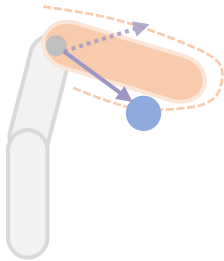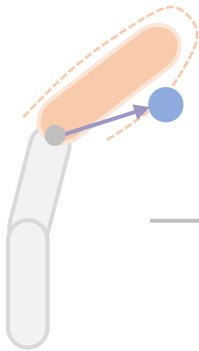A point in the
point set

(a) Initial state   (b) Transformed