Dynamic Interpolation

We interpolate between two different dynamic representations by taking a weighted average of the two and generating a new video accordingly.

$$z_{d_{new}} = (1 - \lambda) z_{d_1} + \lambda z_{d_2}$$

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0

The **distance between the legs** gradually increases as we interpolate between the dynamic representation of A (large distance) and B (small distance)

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0

The **movement of the right leg** decreases gradually as we interpolate between the dynamic representation of A (large step) and B (small step)

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0

The **raise of the right arm** gradually decreases as we interpolate between the dynamic representation of A (arm raise) and B (no arm raise)

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0

The **rotation of the right legs** gradually decreases as we interpolate between the dynamic representation of A (large rotation) and B (no rotaion)

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0

The **distance between the legs** and **raise of right arm** gradually change as we interpolate between the dynamic representation of A and B

λ = 0.0 λ = 0.3 λ = 0.5 λ = 0.7 λ = 1.0