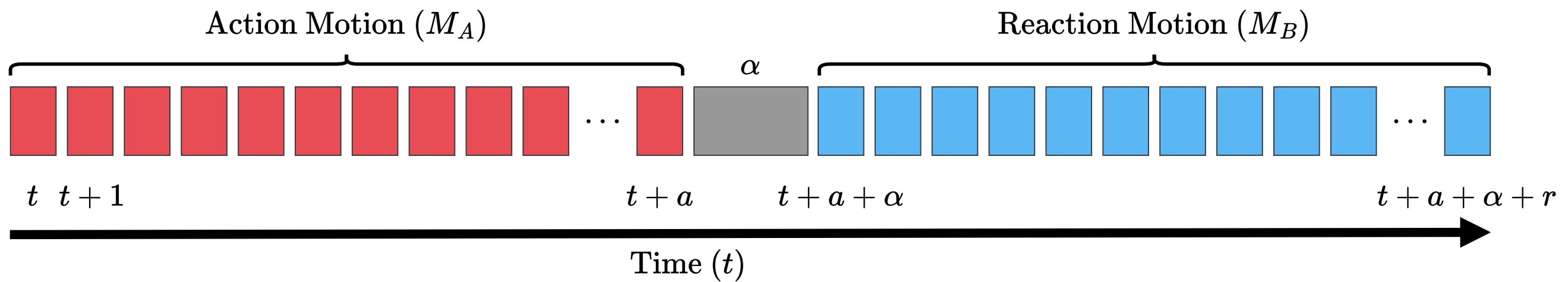


(a) Reaction Motion Generation

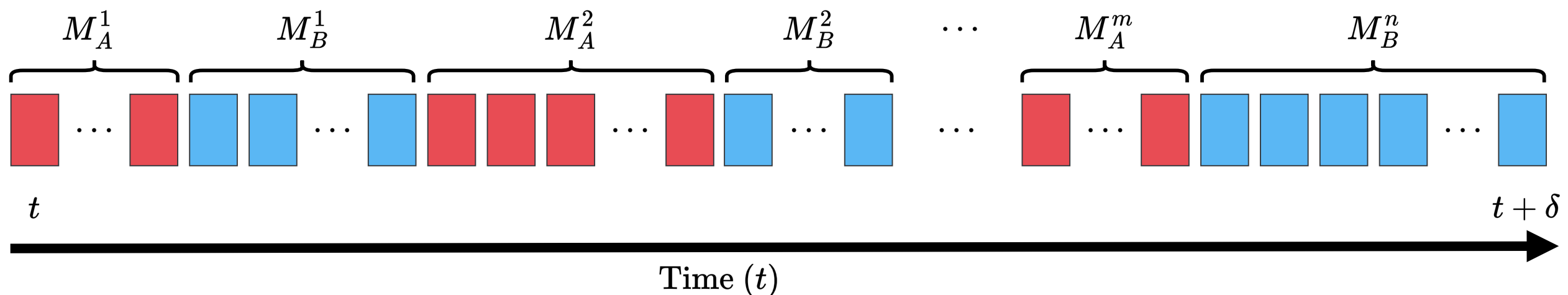


- Motion frame for action motion
- Motion frame for reaction motion
- Intended delay

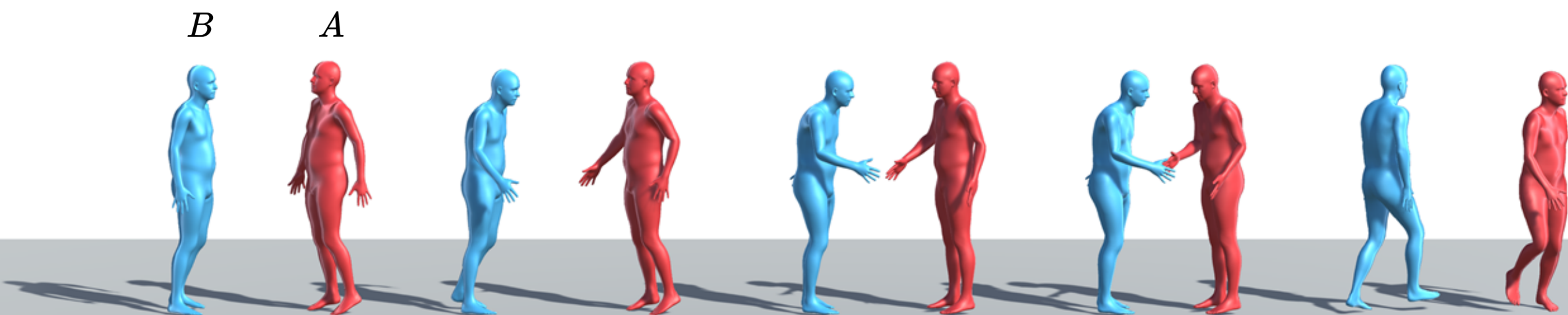
t = Starting time of motion
 a = Length of action motion sequence

r = Length of reaction motion sequence
 α = Intended delay between two motions

(b) Interaction Motion Generation



C = Two persons are approaching each other, performing a handshake, and then moving away in opposite directions.



- Motion frame for action motion
- Motion frame for reaction motion

t = Starting time of motion
 δ = Length of entire interaction motion
 m = Number of partial action sequences
 n = Number of partial reaction sequences

$M_A^1 \dots M_A^m$ = Partial action motion sequences
 $M_B^1 \dots M_B^n$ = Partial reaction motion sequences