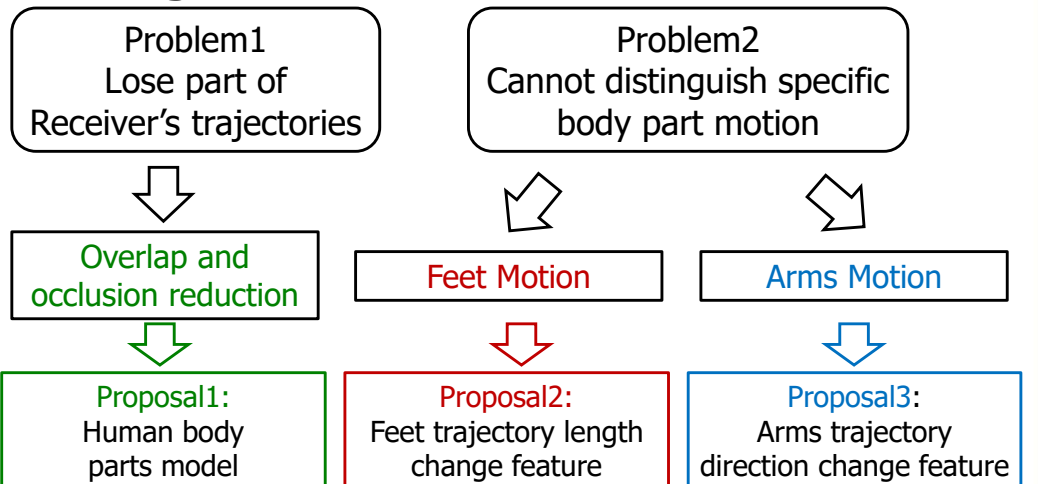
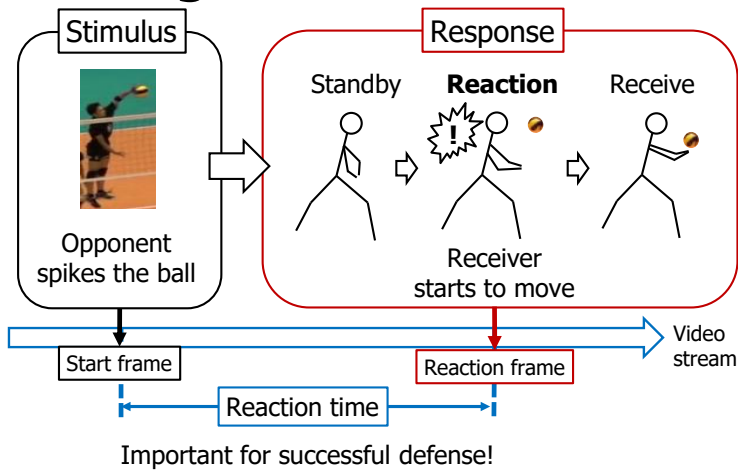


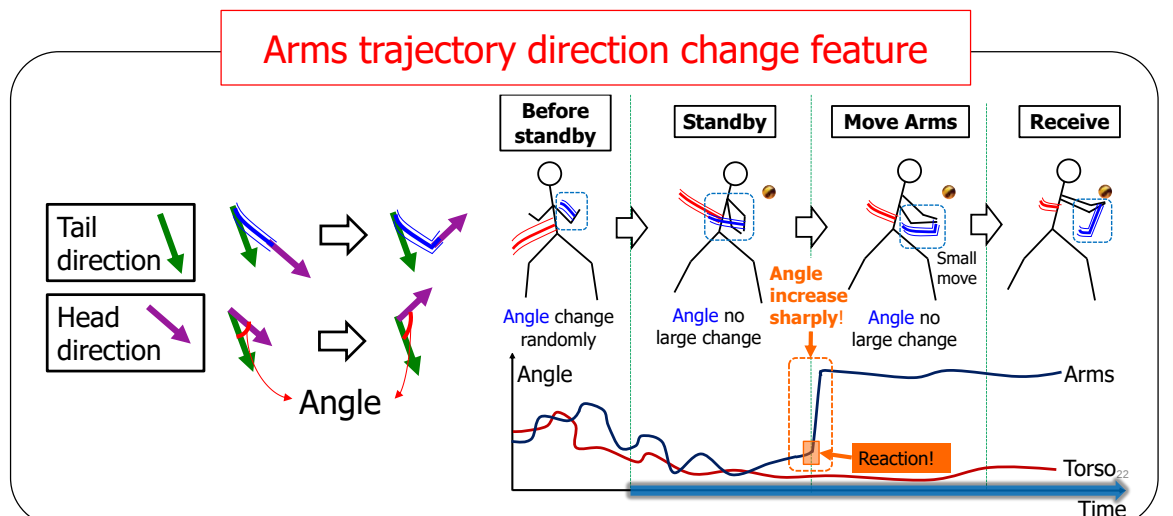
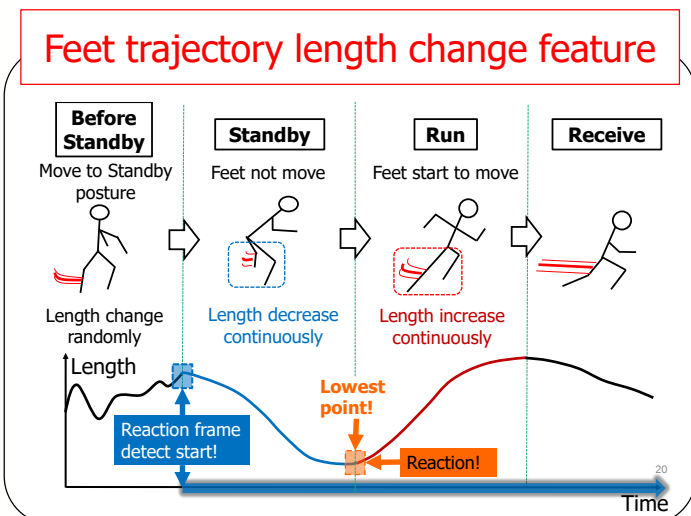
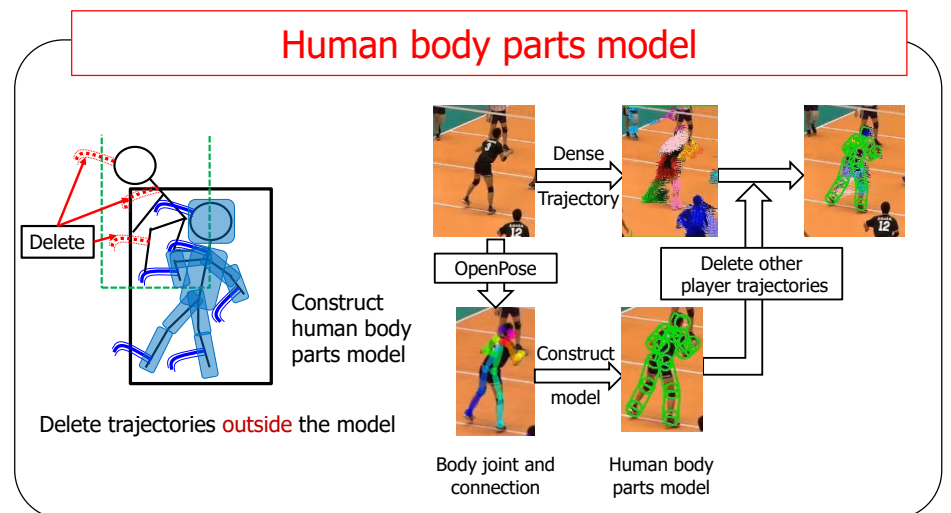
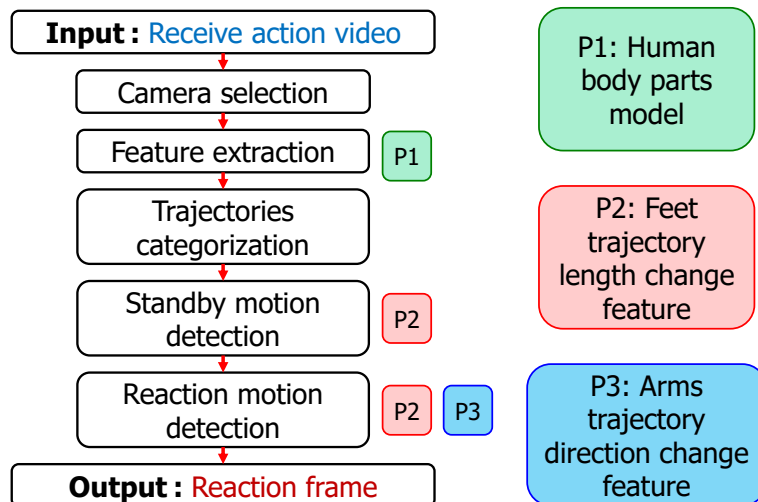
Human Body Parts Model Combined Trajectories Feature Based Volleyball Player Receive Reaction Time Detection

修士課程卒業 刘彦超

Background



Proposals



Experiment results

	Sequence	Success rate with tolerant error		
		17ms	33ms	50ms
P2+P3	Type A	61.5%	69.2%	100%
	Type B	34.2%	58.6%	65.7%
	Total	38.5%	60.2%	71.1%
P1+P2+P3	Type A	84.6%	100%	100%
	Type B	47.1%	87.1%	87.1%
	Total	53.0%	89.2%	89.2%

□ Type A: "Standby->Move feet"

□ Type B: "Standby->Move arms"

Conclusion

Combining the three proposals, the proposed Receive reaction time detection system achieves 89.2% within 33ms tolerant error.

