



P1: Likelihood Distribution and Temporal Smoothness Based Discrete Probability Points Selection







Calculate root joint's position Unify the combinations

Experiment result

Item		Basic	CONV	EXP
Error range	Body parts	work	Work	Result
[%] @ 30mm	Upper	40.97	67.99	88.89
	Lower	38.73	72.95	95.08
	Total	40.01	70.11	91.55
[%] @ 50mm	Upper	47.98	69.08	90.26
	Lower	41.02	75.91	95.65
	Total	44.99	72.01	92.57
[%] @ 70mm	Upper	51.75	73.48	91.30
	Lower	43.04	77.00	96.15
	Total	48.02	75.09	93.38





>>> S1: Glide leg



>>> S3: Spin in the air





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>>>> S2: Take off





>>> S4: Landing

Conclusion
After three proposals, the final result is more than 90% accurate.

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