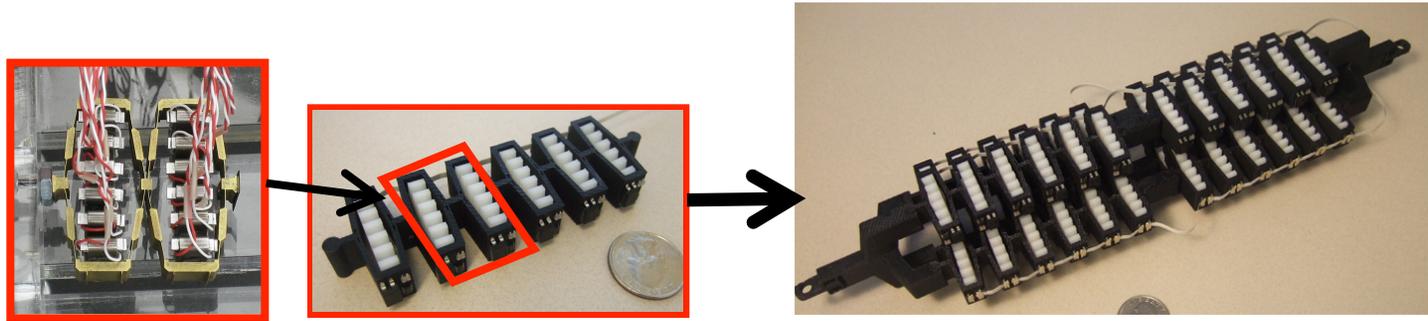


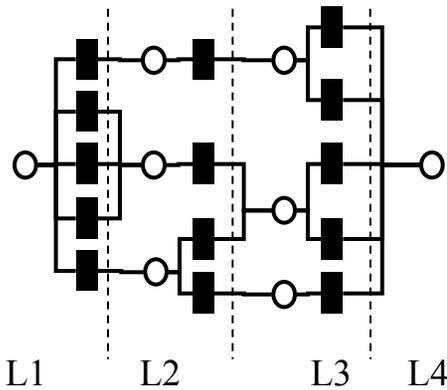
“Fingerprint” method for modeling and characterizing reconfigurable actuator array topologies

Jun Ueda, Georgia Institute of Technology ECCS-0932208



Piezoelectric actuator array

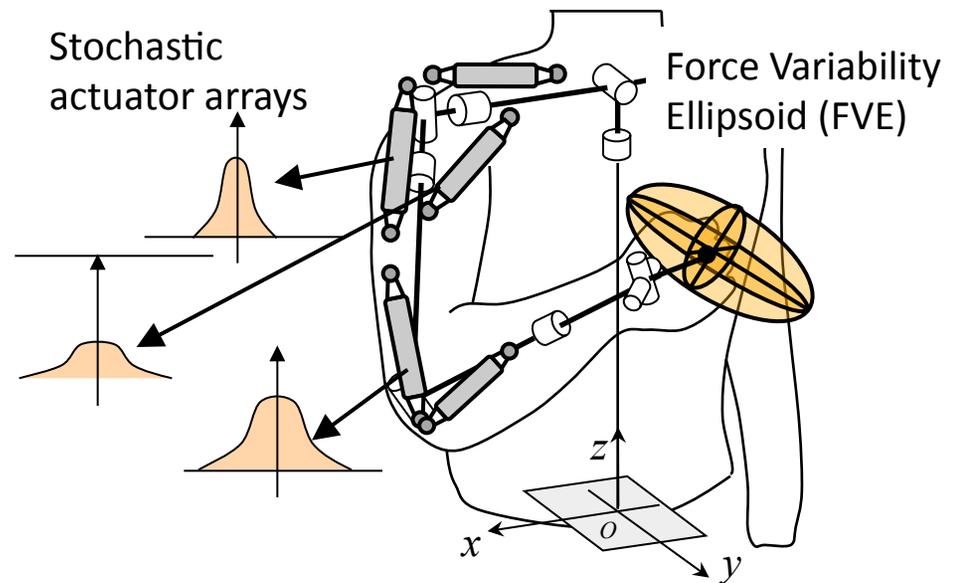
Connection



Fingerprint

1	1	E	10	1	6	8	1F
5	1	1	2	2	2	1	-1
0	0	0	0	0	0	0	-1
L1	L2			L3			L4

Generation of “natural” robot movements



Actuator-level variability analysis