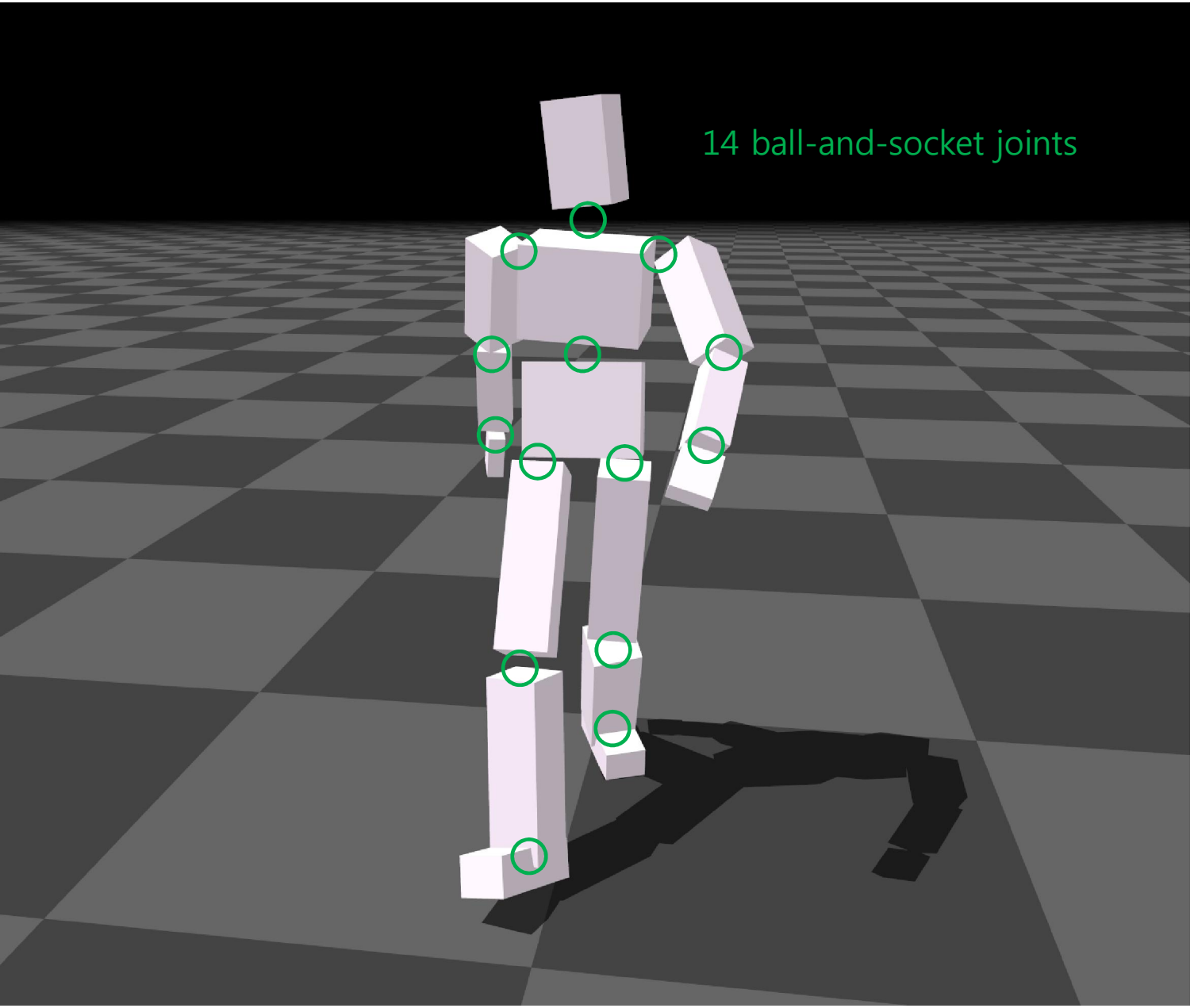
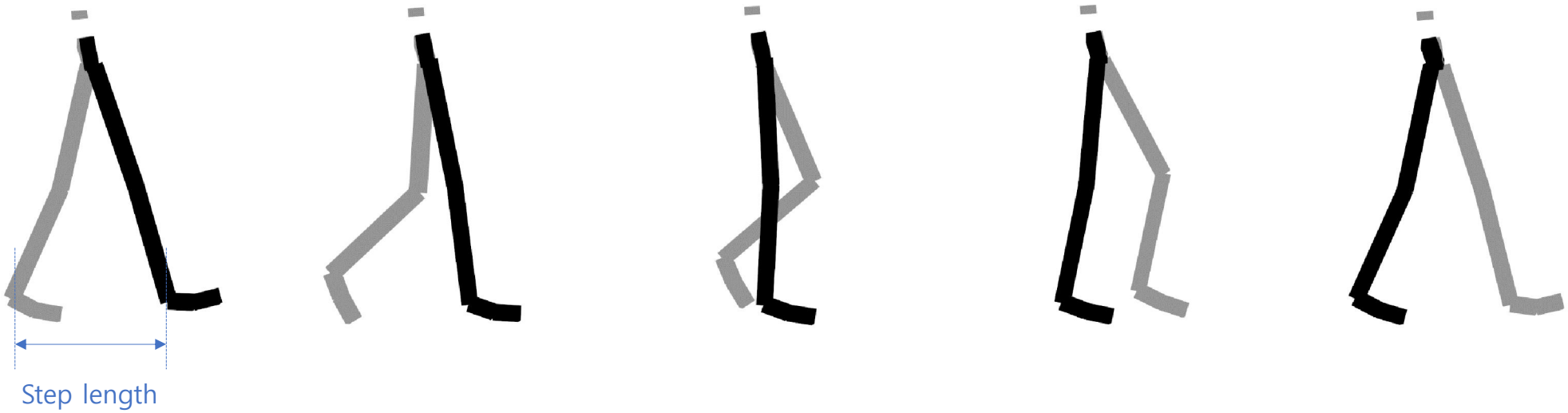
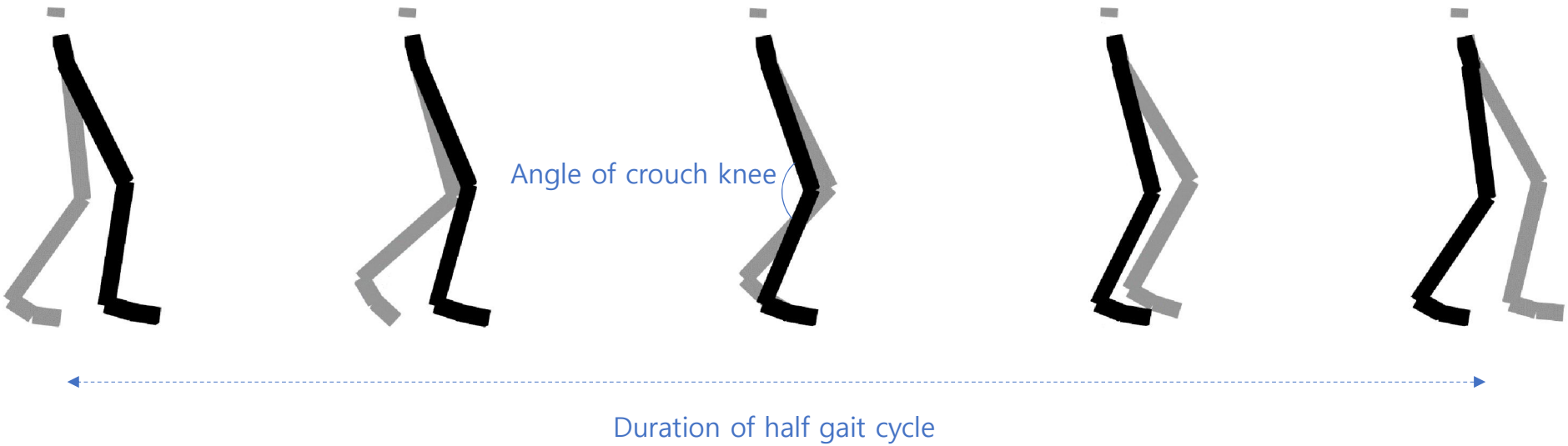


	mass	length	inertia x x	inertia y y	inertia z z
Hip	6	0.2	0.0272	0.05125	0.03845
Torso	9	0.189737	0.054	0.073875	0.073875
Head	3	0.2	0.01375	0.01375	0.0075
Upper arm	2	0.237624	0.010814	0.010814	0.002806
Lower arm	1	0.198506	0.003704	0.003704	0.00084
Hand	0.3	0.1	0.000285	0.00041	0.000195
Thigh	5	0.399995	0.071873	0.071873	0.010417
Shin	5	0.379066	0.065367	0.065367	0.010992
Foot	2	0.25	0.011483	0.012083	0.002733


Step length


Angle of crouch knee
Duration of half gait cycle