Central Nervous System

Postural Controller

Cardinal Decomposition

Biofeedback Device

Body Dynamics

Sensory Integration

1
τ_Fs + 1

1
τ_Fs + 1

Sagittal postural control torques

Coronal postural control torques

Sagittal joint torques

Coronal joint torques

Sensed body states

Environment

Biofeedback signals

Body response

Perturbations

Sagittal biofeedback

K_S

Coronal biofeedback

K_C

K_F