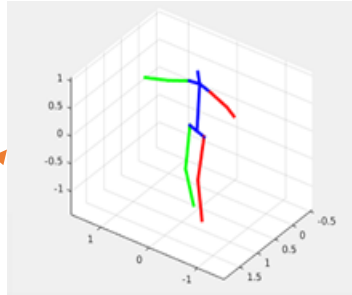


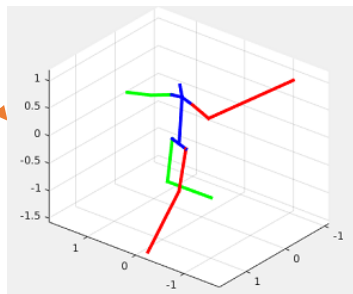
2D Input pose
(\mathbf{x})

Hypothesis 1

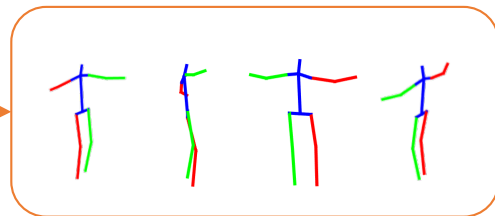


Desired 3D skeleton estimate
(re-projects to \mathbf{x})

Hypothesis 2

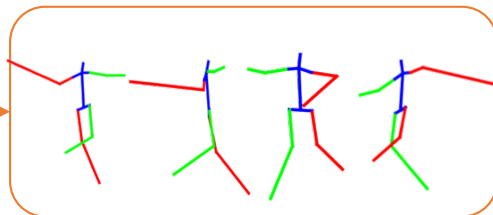


Inaccurate 3D skeleton estimate
(re-projects to \mathbf{x})



Novel projections from
random rotations

Projections are realistic
i.e match real distribution
of 2D poses



Novel projections from
random rotations

Projections do not
match real distribution
of 2D poses