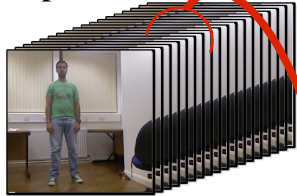


1. Feature Extraction

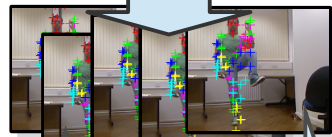
Input Video



Action snippet



2D Deformable Part Model (DPM)

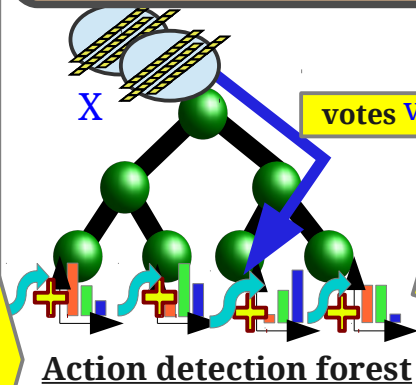


Appearance features

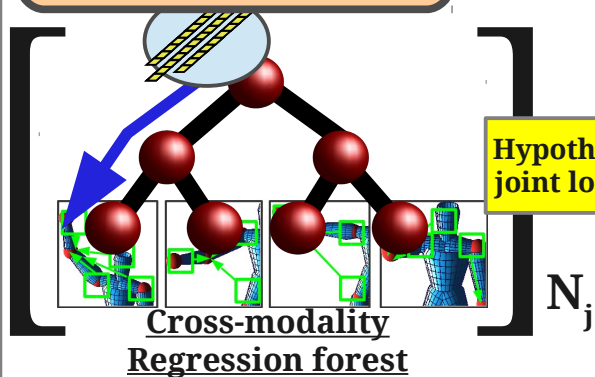
subsequence at time t

Appearance features

2. Action Detection



3. Pose Regression



Hypotheses of joint locations

Pose distributions

3d pose Gaussians

4. Result Integration

