

1. Appearance model

PCA: eigenspace
RVQ: centroids
TSVQ: centroids

2. Observation model

PCA: DFFS (distance to feature space)
RVQ: 1NN (distance to nearest neighbor, i.e. code-vector)
TSVQ: 1NN (same as RVQ)

3. Representation model

Bounding quadrilateral
with affine deformation

4. Motion model

Brownian

5. Inference model

Particle filter