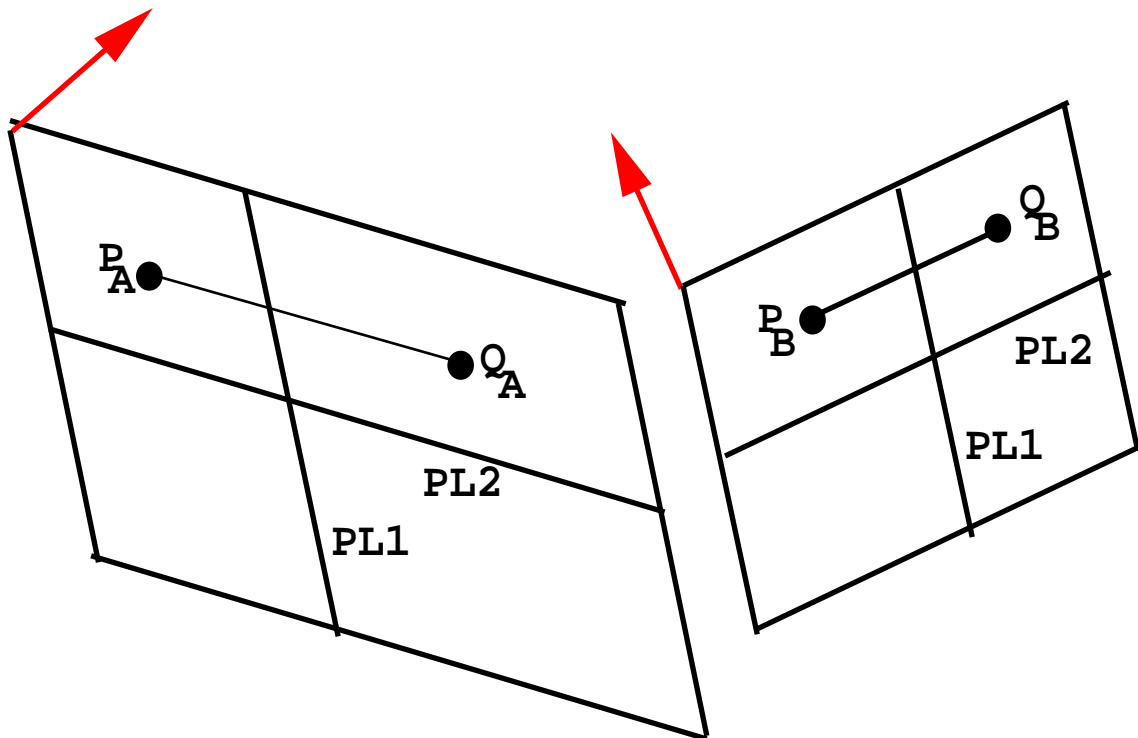
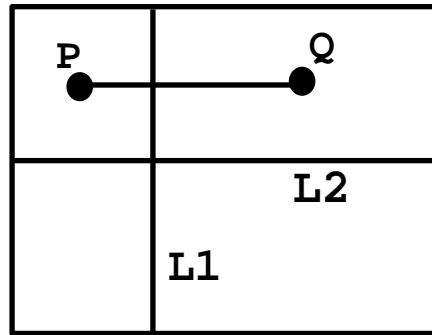
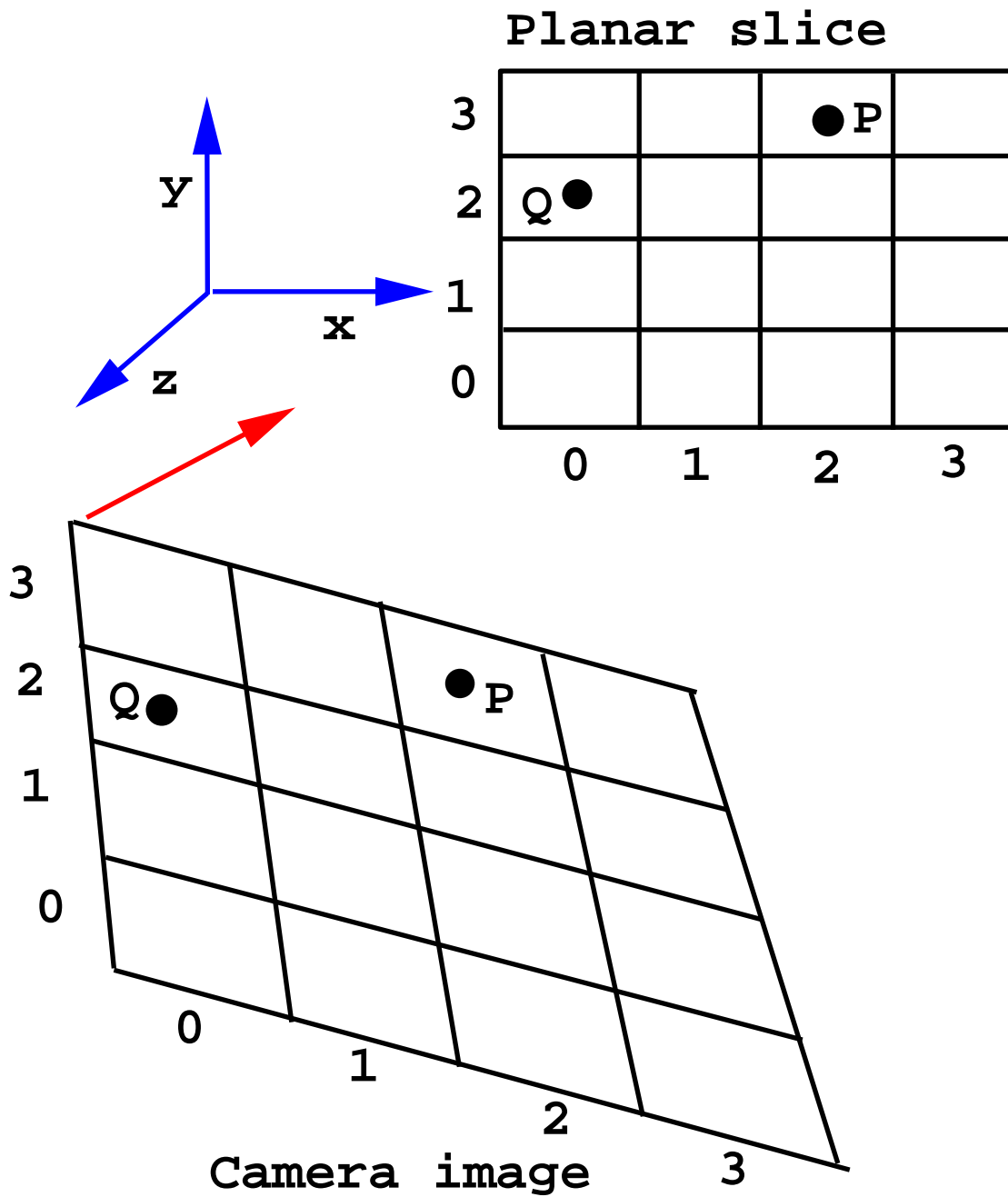


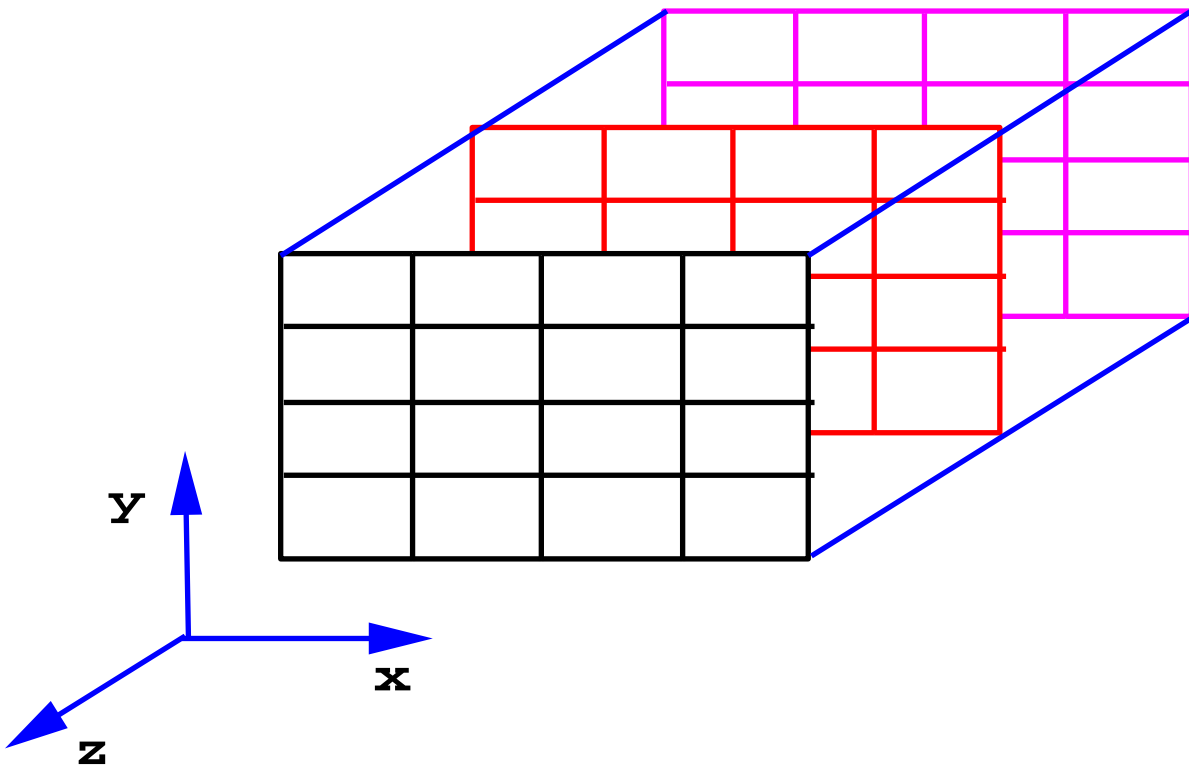
Relationship of points P and Q changes as cameras move around it.



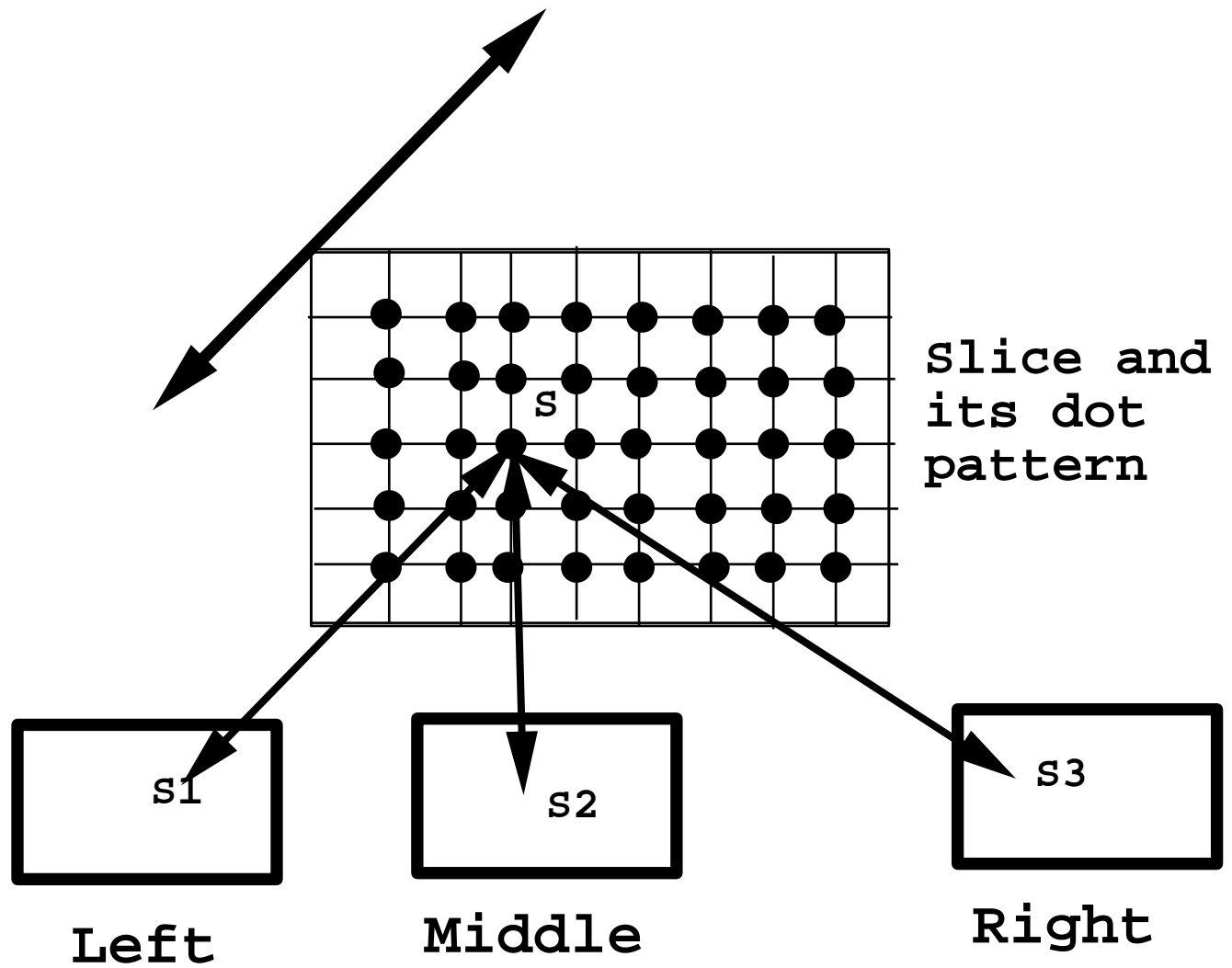
Projection of two planar points on two planes.



Camera images of
two points P and Q.

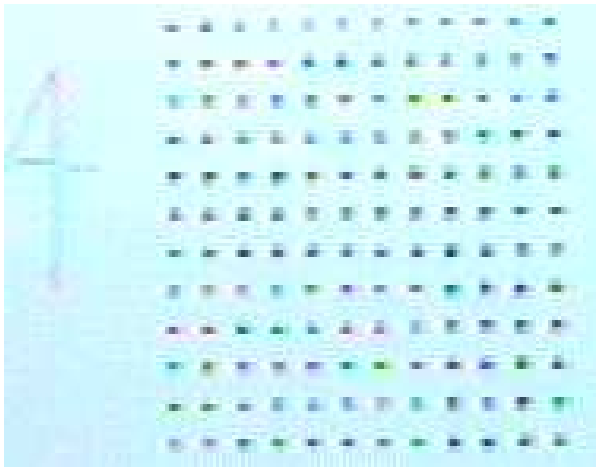


A set of 3 planer slices.



Active space creation

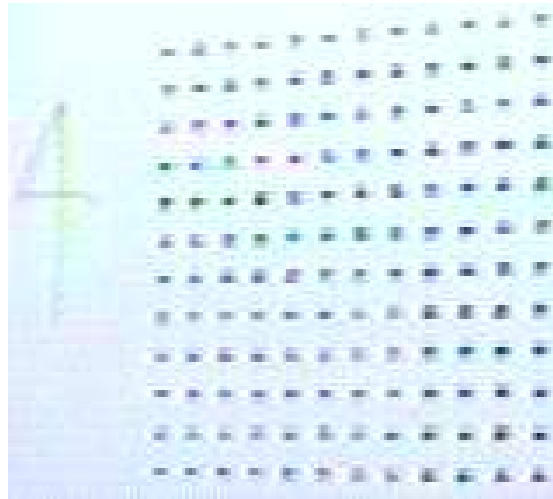
Imprint-set (s1, s2, s3)
for point s.



Center

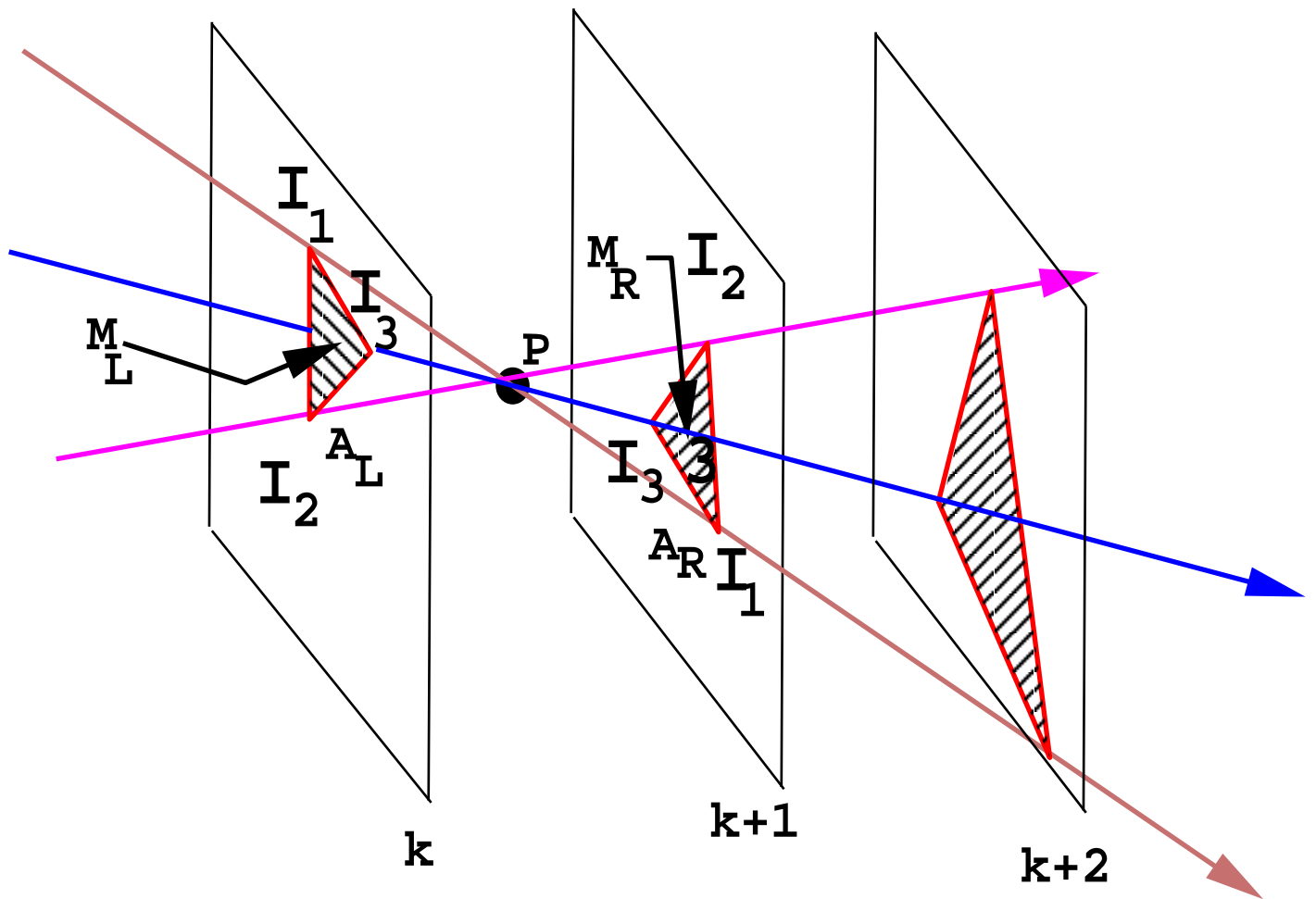


Left

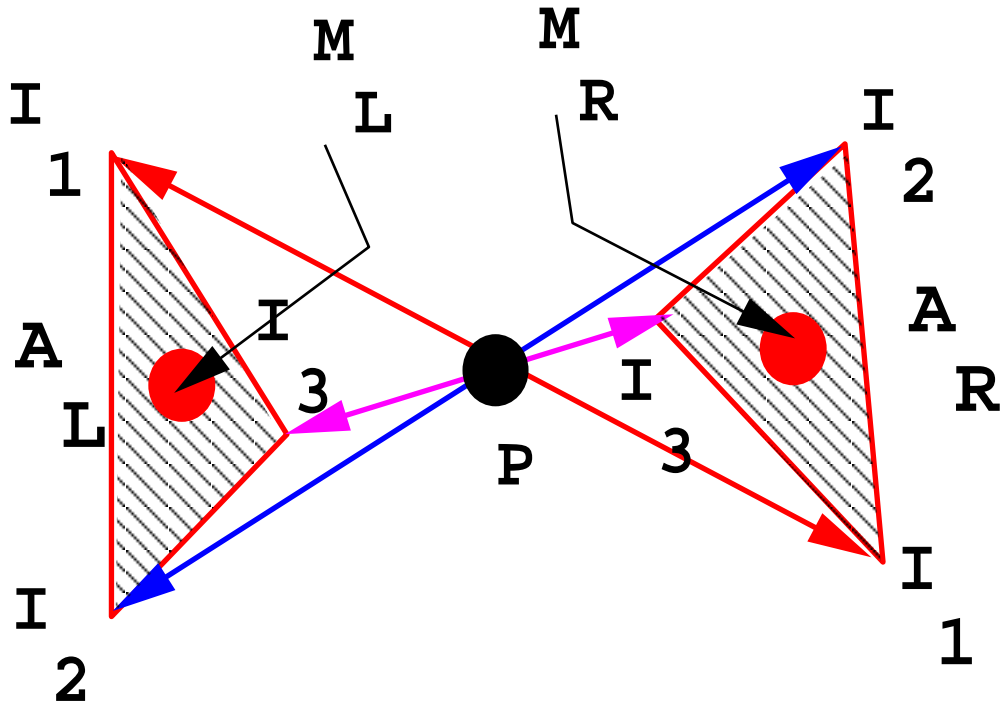


Right

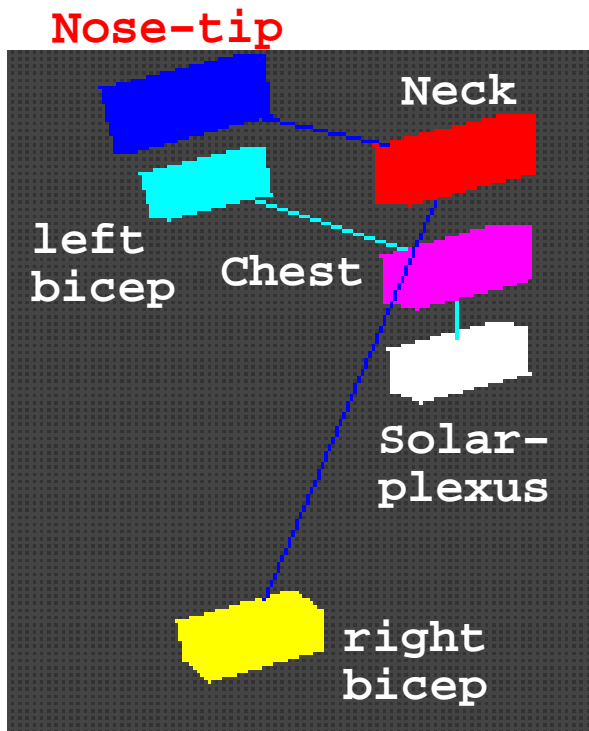
**Camera-images from
Slice 4**



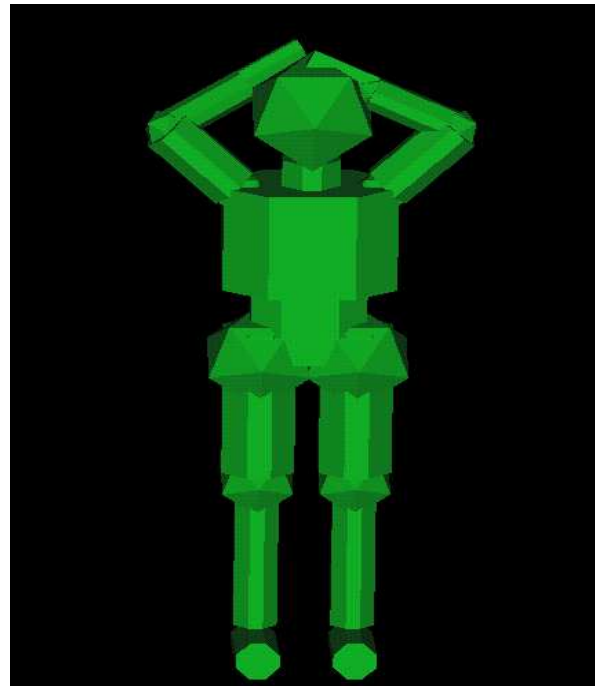
Estimating the active index of P .



Linear Interpolation.

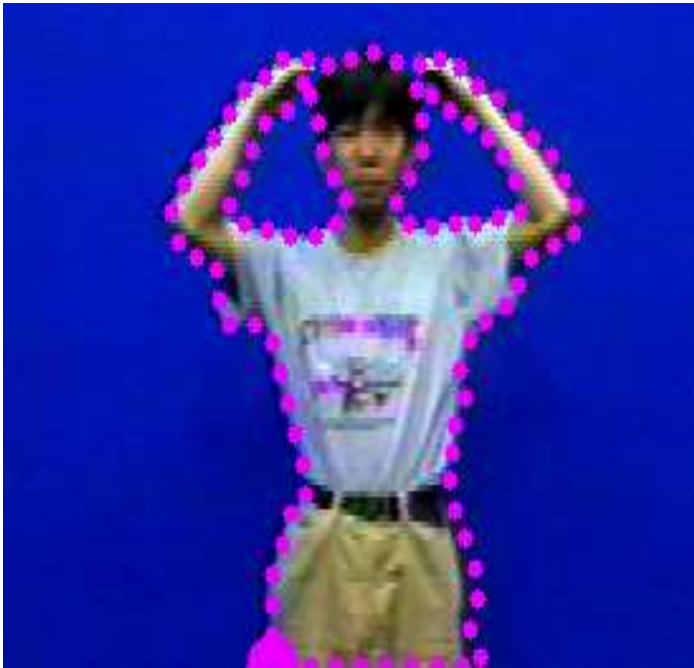


(e)



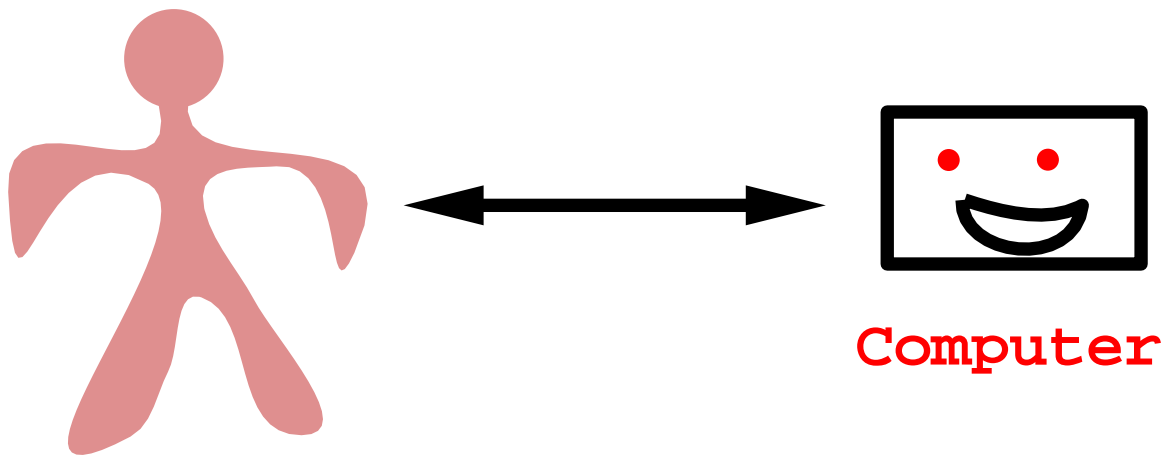
(f)

(e) Another skeleton for a different set of six points.
(f) A synthetic actor mimics the participant.

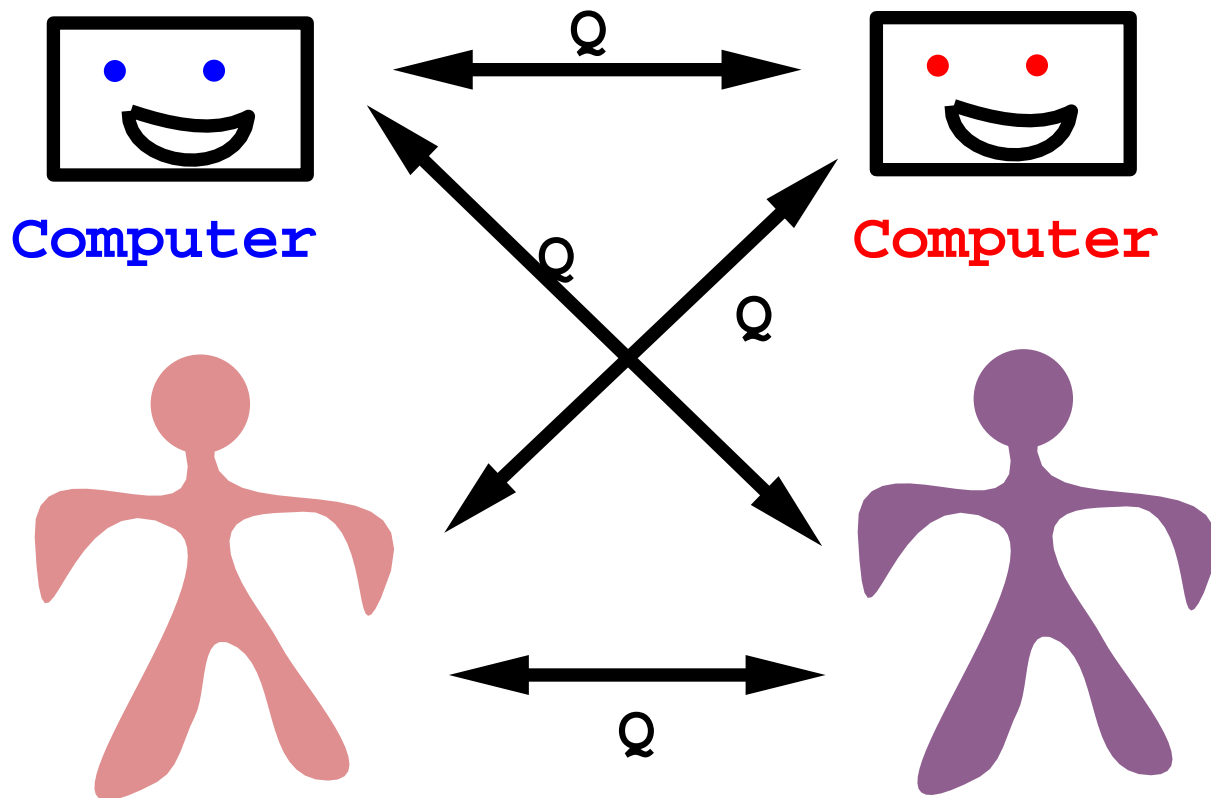


**Left: Scan-line algorithm
for automatic extraction
of the contour.**

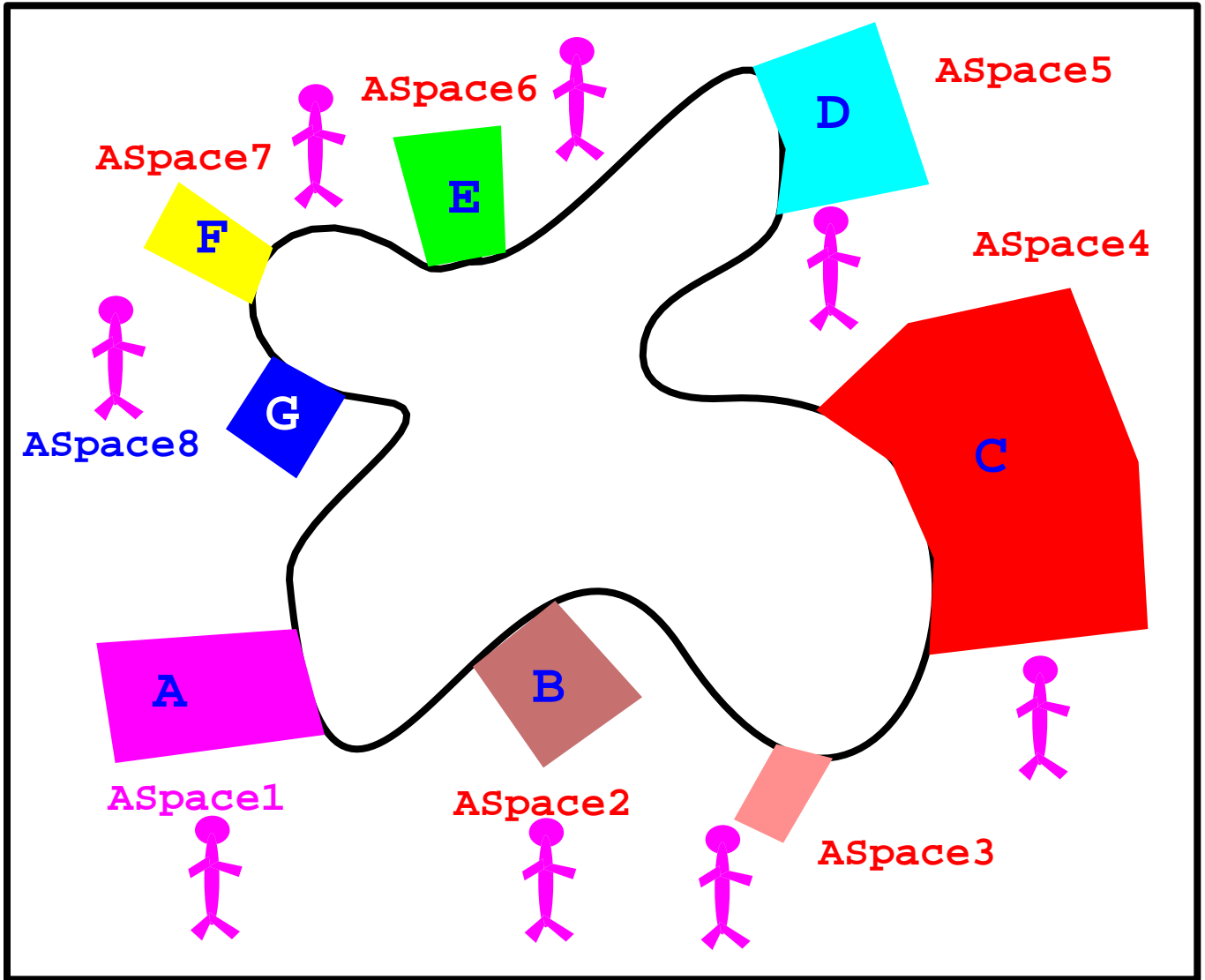
Right: Geometric-imprint



Human-computer interaction



Q: Quality (degree) of interaction is Same.



World of Active-spaces

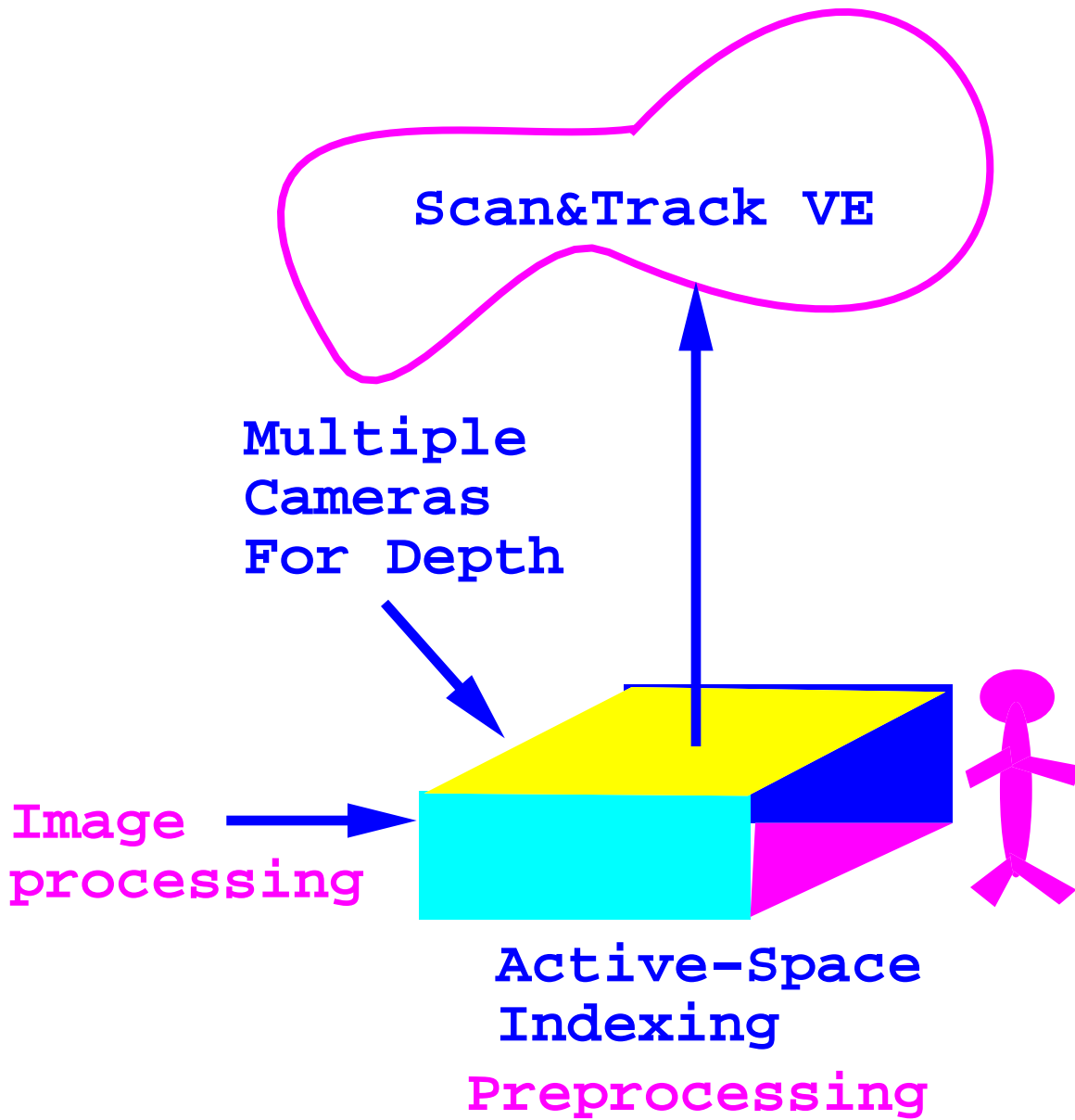
● Human Centered Applications

Encumbering

magnetic trackers
optical tracking

Non-encumbering

vision-based



Geometric-Spatial Information is gathered for later usage