

Active Vision Introduction Problem

When we fixate on a point or object, how does camera motion help us extract that object from the scene?

ANSWER:

When fixating on an object and then moving, the appearance and position of that object will not change very much in the set of images. On the other hand, the background surrounding the object may change a lot, especially if the background is further away than the object. A program can then distinguish between the non-changing and changing portions of the image to find the desired object.