Abstract

Segmentation refers to a technique of picking out a particular part of any object. If we talk about image segmentation it is basically a method of picking out a particular area of that image. As we know a video is nothing but a sequence of frames in an orderly manner, hence video segmentation could also be achieved in this manner. Video segmentation is in great demand now a day with the advancement of AI. Few important applications of video segmentation could be a face, colour detection system, an object tracking system etc. Detection and tracking of any moving object is a very important part of video surveillance and hence a lot of emphasis is done on it. Lots of researches had been taking place in the domain of object detection and tracking from live stream and various algorithms were suggested to obtain the most effective results. In this survey, we would cover all important researches and works done on object detection and tracking especially the color as an object part and will also discuss the benefits of doing this. In short we will make out how video segmentation is going to open the gate for a great and smart future ahead.
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