Arbeitstitel: Mixture of Gaussians Modelling for Background Segmentation

Background segmentation is often the first step in the automated analysis of video surveillance data. Although there has been a significant amount of proposed solutions for this problem, it is still some way off to have the robust performance required for real world applications. One of the most widely used technique in computer vision for background subtraction is to model the background pixels as a Mixture of Gaussians (MoG). In this seminar, we are interested in exploring state-of-the art techniques for background subtraction that are based on Gaussian mixture model.

Reference:


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