HSI Color Component Ratio for Compact Object Representation

Tin Tin Yu
baybayyu@gmail.com
University of Computer Studies, Mandalay, UCSM

Zin Mar Win
zinmarwin@ucsm.edu.mm
University of Computer Studies, Mandalay, UCSM

A feature extraction method is proposed for discriminative features on segmented moving objects and these compact set of color feature for object representation tend to handle the large amount of local features in feature correspondence and high accuracy in object classification in challenging sequences. Test sequences from the Caviar Test case scenario dataset and online benchmark tracking dataset are used in experiment to prove the robustness of proposed method.