In the Name of God

Chapter 10 exercise

One procedure for generating a reference image that explained in page 798 is as follows:

• Consider the first image in a sequence to be the reference image.

• When a non-stationary component has moved completely out of its position in the reference frame, the corresponding background in the present frame can be duplicated in the location originally occupied by the object in the reference frame.

• When all moving objects have moved completely out of their original positions, a reference image containing only stationary components will have been created. Object displacement can be established by monitoring the changes in the positive ADI.

Use this method to create a reference image for the attached video. For a better understanding, read Example 10.28.