

## **DEVELOPMENT OF MOTION DETECTION ALGORITHMS FOR USE WITH IP CAMERA SYSTEMS**

**M. H. ISMAIL AL MOSWI**

Assistant Lecturer at Informatics Center for Research & Rehabilitation, Kufa University, Najaf, Iraq

### **ABSTRACT**

The time detection of moving objects is a very important area for many applications in security cameras. A motion detection algorithm for use as IP camera network it needs to work for detecting the displacement measurement and analysing images to improve the motion by identifying how many image pixels move between adjacent images to obtain a successful motion detection in the presence of camera motion or background changing. Digital image correlation applied to recorded images containing measurement data is used to analyse the digital image and extract this data echanising the whole process for application in this sector.

**KEYWORDS:** Digital Image Correlation Applied, Send Images and Video in Two Ways Communication Easily, Computer Vision