Abstract

Security is the primitive issue for humanity. From Paleolithic age, people are trying to secure themselves from natural calamity, furious animals and other adversities. With the advancement of technology, we get Machine gun, Nuclear Bomb, and many such powerful types of equipment for security. All these powerful equipments are used for protecting the border of a country, or in war against the enemy nation. General people cannot afford those powerful equipments. They need some simple but useful equipment necessary for protection against their enemies, which are wild enemies, cockroach, ants, and spiders. While working in a project of designing a device which will take care of the security issue for the general people, I need to design the image matching algorithm for the device named as Environment Aware Protection Device, in which whole detection mechanism of the insects is embedded in a chip of the device. An improved image analysis technique is used in this paper for detecting the bugs. Positional existence of organs within the insects is considered for image analysis.
Improved Image Analysis Technique for Embedded System Design

Interfacing and Programming the M68HC11 Microcontroller"; Willey Publication.

Index Terms

Computer Science

Image Processing

Keywords

Embedded system  security  cluster  feature set