A Novel Approach on “Simulating Dream like Patterns for Robot” ‘Dream for Dreams’

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Abstract

When we understand the nature and technology in hands it is possible to create and simulate many unusual things. In this regard, with information about science of dreams, its nature and the image processing technology, it is possible to simulate the dream like patterns which can be implemented to robots for improving its intelligence. The model proposed in this paper is based on the concept that, mixing of pixel values of digital images leads to a new image pattern. This scenario is similar to Dreams, where random electrical brain impulses create the images from traces of experience stored in the memory and is extracted to result in dream like patterns. A survey of medical students about their dreams has been made and the results exhibit a greater degree of correlation to the proposed model.

Reference

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Index Terms

Computer Science

Computer Vision

Key words

Dreams

Artificial Neural Networks

Image processing

Robot

Intelligence