

# **Abstract**

**Iman Gamal Morsi**

## **Power Frequency Classification of Sky Images Using Fast Fourier Transform**

The goal of this paper is to classify sky images according to their types by monitoring of the sky variation. One hundred sky images were taken from september till march 2003. These images describe the sky from sunny period to cloudy sky; they are all grey scale images. The classification of sky images according to the maximum output power of each image by using Fast Fourier Transform (FFT)