Abstract

A neural network classification based noise identification method is presented by isolating some representative noise samples, and extracting their statistical features for noise type identification. The isolation of representative noise samples is achieved using prevalent used image filters whereas noise identification is performed using statistical moments features based
A classification system. The results of the experiments using this method show better identification of noise than those suggested in the recent works.

**Reference**

- Devendran V et. al., “Texture based Scene Categorization using Artificial Neural Networks and Support Vector Machines: A Comparative Study,” ICGST-GVIP, Vol. 8, Issue IV,
Index Terms

Computer Science

Image Processing

Key words

Noise models

moments

Back propagation Neural network