Abstract

Degradation of organic compounds using light energy is a kind of photochemical reactions. Large amount of data especially when multidimensional pose a difficulty in meaningful interpretation. Conventional methods are used to interpret data for such reactions. In recent times, various computational data analysis techniques like Artificial Neural Networks have been developed to solve the problems associated with a set of data. This paper examines analogies employed in computational data analysis technique and its comparison with conventional analytical technique for photochemical reaction under study.

Refer
Data Analysis of Photochemical Reactions using ANN

- Abdollahi et al. Chemistry Central Journal 2013, 7:96 http://journal.chemistrycentral.com/content/7/1/96

**Index Terms**

Computer Science

Artificial Intelligence

**Keywords**

Photochemical Reactions

Artificial Neural Networks

Data Analysis Technique