

Download Artificial Neural Networks For The Modelling And Fault Diagnosis Of

2.2 From Human Neurones to Artificial Neurones. We conduct these neural networks by first trying to deduce the essential features of neurones and their interconnections. In recent years, deep artificial neural networks (including recurrent ones) have won numerous contests in pattern recognition and machine learning. Artificial Neural Networks (ANNs) are among the most mature and widely used mathematical classification algorithms in fault detection and diagnosis.

1. Introduction Reliability has always been an important aspect in the assessment of industrial products and/or equipments. Good product design is of course essential for products with high reliability. - Artificial Neural Networks For The Modelling And Fault Diagnosis Of