Abstract

Artificial Intelligence is the science and engineering of making intelligent machine especially intelligent computer programs. Activities in AI include Searching, Recognizing patterns and Making logical inferences. This paper discuss on Artificial intelligence technique used for System diagnostics and prognostics. Three approaches of AI for diagnostics and prognostics are 1. Rule based diagnostics 2. Model based diagnostics and 3. Data Driven Approaches. System diagnosis is the process of inferring the cause of any abnormal or unexpected behavior. A prognostic is predicting the time at which a system or a component will no longer perform its intended function.
AI Technique in Diagnostics and Prognostics

References

- Mark Schwabacher and Kai Goebel, NASA Ames Research Center, A Survey of Artificial Intelligence for Prognostics
- Thair Nu, Phy, Survey of Classification technique in data mining. Proc International Multi Conference on Engineers and Computer Society, Volume 1, 2009

Index Terms

Computer Science     Artificial Intelligence

Keywords

Artificial Intelligence  Diagnostics  Prognostics  Rule Based System  Model Based AI
Data
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