



「相关链接」

- 学位论文
- 以录用论文
- 2001年度
- 2002年度
- 2003年度
- 2004年度

1999年度

1、HU Yaogai, LI Kaiyang, ZHONG Yuning, The Fault Sonic Diagnosis of the Pressure Hammer with Artificial Diamond, Wuhan University Journal of Natural Sciences Vol.4 No.2 1999, pp150-154

Abstract:

Time series analysis and time domain statistics applied to the faultsonic diagnosis of the pressure hammer with artificial diamond is reported. This method with the characters of brief criterion, high accuracy and quick speed is suitable for alarming on the spot.

2、LI Kaiyang, HU Yaogai, ZHONG Yuning, Application of Artificial Neural Networks in Sonic Diagnosis of Cracking Hammer with Artificial Diamond, Wuhan University Journal of Natural Sciences Vol.4 No.2 1999, pp155-157

Abstract:

On the basis of the characteristic parameters selected from the fault sonic signals of cracking hammer with artificial diamond, by means of with time series analysis and time domain statistics, three- layer artificial neural network is trained by an improved BP algorithm. The results state that the fault sonic signals can be identified by trained network system precisely.

3、胡耀垓, 李凯扬, 一种改进的神经网络BP算法, 武汉大学学报自然科学版, 第45卷, 第1期, 1999, pp25-29

摘要:

提出同时对神经元温度常数 T 、位置常数 H 、联接权值 W 进行调整的观点, 并推导出相应的学习算法公式.对比试验表明: 所给出的改进算法能有效地减少节点数、加速训练进程和识别精度.

所属分类: 论文发表 更新日期: 2004-11-13 14:10:57 阅读次数: 254