

**Название публикации:**

Neural network to diagnose lining condition

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**Наименование журнала:**

INTERNATIONAL CONFERENCE ON MECHANICAL ENGINEERING, AUTOMATION AND CONTROL SYSTEMS 2017

Серия книг: IOP Conference Series-Materials Science and Engineering Том: 327 Номер статьи: UNSP 022107 Опубликовано: 2018

**Аннотация:**

The paper presents data on the problem of diagnosing the lining condition at the iron and steel works. The authors describe the neural network structure and software that are designed and developed to determine the lining burnout zones. The simulation results of the proposed neural networks are presented. The authors note the low learning and classification errors of the proposed neural networks. To realize the proposed neural network, the specialized software has been developed.

**Ключевые слова:**

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