

**Название публикации:**

Neural network to diagnose lining condition

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**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. © Published under licence by IOP Publishing Ltd.

**Ключевые слова:**

Classification errors Iron and steel works, Neural network structures, Specialized software