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## **ANALYSIS OF ENVIRONMENTAL AND ECONOMIC BENEFITS IN IRON AND STEEL ENTERPRISES BY ENTROPY WEIGHT FUZZY COMPREHENSIVE EVALUATION MODEL**

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### **Abstract**

To assess the shares of each indicator of environmental and economic benefits in iron and steel enterprises, the entropy weight fuzzy comprehensive evaluation model is built in this paper based on the consideration of entropy theory and fuzzy mathematical theory. The weights of each indicator are determined by entropy optimal theory, and the correlative indicators are processed by fuzzy synthesis evaluation, so as to provide some references for environmental and economic benefits evaluation. Lastly, the feasibility of this evaluation is issued by two typical iron and steel enterprises, and this model is proved to be more objective than other methods.

*Key words:* entropy weight value, environmental and economic benefits, fuzzy synthesis evaluation, iron and steel enterprise

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