# Application of the neural networks for modeling the molten steel level variation in the continuous casting process

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**Abstract :** In this paper our principal study is the development of a model of synthesis presents the variation of the molten steellevel in the ingot mould of continuous casting by using the extraction speed in the input of the model. The approach usedis based on the neural networks technique which allows modeled the process of level variation, and also makes it possibleto know the reliability of the neural networks the modeling the industrial processes.

**Keywords :** modeling, continuous casting, neural networks