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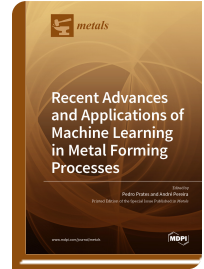
Special Issue Reprint

Recent Advances and Applications of Machine Learning in Metal Forming Processes

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Machine learning (ML) technologies are emerging in Mechanical Engineering, driven by the increasing availability of datasets, coupled with the exponential growth in computer performance. In fact, there has been a growing interest in evaluating the capabilities of ML algorithms to approach topics related to metal forming processes, such as:

Classification, detection and prediction of forming defects;

Material parameters identification;

Material modelling;

Process classification and selection;

Process design and optimization.

The purpose of this Special Issue is to disseminate state-of-the-art ML applications in metal forming processes, covering 10 papers about the abovementioned and related topics.



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