

Innovative decisions at steel semifinished items metal restructuring in mechanical engineering

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Abstract

Kinds of defects in cast steel and their influence on properties of an alloy are resulted. Stability of structural heterogeneity and liquating phenomenon at the stage of technological restructuring of steel is shown. Decisions are offered on liquation of line and isle structural heterogeneity, preservation of a fine-grained structure and localization of separate metallurgical defects in steel products. © IDOSI Publications, 2013.

<http://dx.doi.org/10.5829/idosi.wasj.2013.24.09.13261>

Keywords

Heredity, Plastic deformation, Steel, Structural heterogeneity