

Table of Contents

Engineer pedagogics

- Marina Syryakova*
Concepts of professional career of future engineers-metallurgists.....1
- Marina Syryakova*
Career expectations as the basis of future engineers-metallurgists professional identity.....8
- Marina Syryakova*
Free time self-organization of competitive personality.....11

Steelmaking

- Ju Jiantao, Lv Zhenlin, Yang Shufeng*
Characteristics of Inclusions in Alloying Structural Steel during Refining.....18
- Yang Jing-bo, Yang Shu-feng, Gao Xiang-zhou, Li Jing-she*
Sulfur Control in Ultra-Low Sulfur Steel Refined by Ladle Furnace-Vacuum Degassing.....24

Pipe and tube production

- Suleiman Rakhmanov*
Mathematical modeling of history of seamless pipes pressing.....29
- Suleiman Rakhmanov*
Refined mathematical model of vibroactivity of tube screw-rolling mill mandrel bar.....39

Thermal technology

- Alexei Birukov*
Billet CC's moulds heat engineering parameters monitoring system.....44

Metallurgy & heat treatment of metals

- Alexander Glotka*
Analysis of electron-optical studies of experimental alloys of Fe-W and ferrotungsten.....49
- Karpov V.Yur., Komissarchuk O.V.*
The influence of plastic deformation on properties of gazars.....50
- Shalomeev V.A., Tsivirko E.I., Vnukov Yur.N., Morozov D.A.*
New magnesium alloy with promote properties for automobile construction.....54

Corrosion protection of metals

Oleg Tarayevs'kyi

Evaluation of circular welds strength capacity with corrosive defects.....61

Oleg Tarayevs'kyi

Influence of main pipelines continuous exploitation on their physical and chemical properties.....68

Author Index.....73