

R. Bidulsky, M. Actis Grande, A. Zago, Z. Brytan, J. Bidulska, Wear Resistance of Various Type Sintered Steels [Full Text PDF](#)

K. Wiencek, Logarithmicnormal Distribution in Quantitative Metallography of Disperse Carbides in Steels [Full Text PDF](#)

M. Rozmus - Górnikowska, J. Kusinski, M. Blicharski, Laser Shock Processing of an Austenitic Stainless Steel [Full Text PDF](#)

K. Muszka, S. Dymek, J. Majta, P. Hodgson, Microstructure and Properties of a C-Mn Steel Subjected to Heavy Plastic

Deformation [Full Text PDF](#)

M. Kieloch, Ł. Piechowicz, J. Boryca, A. Klos, Numerical Analysis of Correlation Between Heat Consumption and the Steel Loss for Scale in the Charge Heating Process [Full Text PDF](#)

T. Sofilic, V. Merle, A. Rastovcan - Mioc, M. Cosic, U. Sofilic, Steel Slag Instead Natural Aggregate in Asphalt Mixture [Full Text PDF](#)

W. Longa, Calculation of Height and Structure of Melting Zone of Coke Cupolas [Full Text PDF](#)

I. Dobosz, W. Gumowska, M. Uhlemann, J. Kozla, Al₂O₃ - Co and Al₂O₃ - Fe Composites Obtained by the Electrochemical Method. Part II. Magnetic Properties of Co and Fe Nanowires [Full Text PDF](#)

A. G o n t a r z, R. M y s z a k, Forming of External Steps of Shafts in Three Slide Forging Press [Full Text PDF](#)

J. M i c h a l c z y k, P. C z u b a k, Methods of Determination of Maximum Amplitudes in the Transient Resonance of Vibratory Machines [Full Text PDF](#)

A. G ł o w a c z, Z. G ł o w a c z, Diagnostics of Induction Motor Based on Analysis of Acoustic Signals with Application of FFT and Classifier Based on Words [Full Text PDF](#)

M. H o j n y, Application of an Integrated CAD/CAM/CAE/IBC System in the Stamping Process of a Bathtub 1200 S [Full Text PDF](#)

P. R o m a n o w s k i, G. W n u k, J. W y p a r t o w i c z, Kinetics of Arsenic Removal from Liquid Copper by Means of Titanium [Full Text PDF](#)

J. R y s, M. W i t k o w s k a, Influence of Band-Like Morphology on Microstructure and Texture Evolution in Rolled Super-Duplex Steel [Full Text PDF](#)

J. B a s t, W. S i m o n, E. A b d u l l a h, Investigation of Cogs Defects Reason in Green Sand Moulds [Full Text PDF](#)

W. B a t k o, L. M a j k u t, Classification of Phase Trajectory Portraits in the Process of Recognition the Changes in Technical Condition of Monitored Machines and Constructions [Full Text PDF](#)

M. B r z e z i n s k i, Evaluation of Vacuum Assisted Compaction Processes of Foundry Moulding Sand by Theoretical and Experimental Methods [Full Text PDF](#)

M. Cholewa, T. Wróbel, S. Tenerowicz, T. Szuter, Diffusion Phenomena between Alloy Steel and Gray Cast Iron in Layered Bimetallic Casting [Full Text PDF](#)

J. Danko, R. Danko, J. Stojek, M. Górny, Filling the Model Die Casting Mould - Analysis by Means of the Leica Qwin 2.2 Program [Full Text PDF](#)

R. Danko, M. Holtzer, Moulding Sands Grain Size Investigations by Means of the Laser Method of Measurement [Full Text PDF](#)

J. David, M. Heger, M. Vrožina, L. Vašek, Visualization of data Fields [Full Text PDF](#)

Ł. Dworzak, T. Mikulczyński, Automation of Foundry Processes with Grafpol Method [Full Text PDF](#)

A. Fedoryszyn, P. Zyzak, Characteristics of the Outer Surface Layer in Casts Subjected to Shot Blasting Treatment [Full Text PDF](#)

Z. Górny, S. Kluska-Nawarecka, D. Wilk-Kołodziejczyk, Attribute-Based Knowledge Representation in the Process of Defect Diagnosis [Full Text PDF](#)

Z. Górny, S. Kluska-Nawarecka, D. Wilk-Kołodziejczyk, K. Regulski, Diagnosis of Casting Defects using Uncertain and Incomplete Knowledge [Full Text PDF](#)

K. Haberl, W. K. Krajewski, P. Schumacher, Microstructural Features of the Grain-Refined Sand Cast AlZn20 Alloy [Full Text PDF](#)

J. Jakubski, S. M. Dobosz, The Usage of Data Mining Tools for Green Moulding Sands Quality Control [Full Text PDF](#)

K. Janerka, D. Bartocha, J. Szajnar, J. Jezierski, The Carburizer Influence on the Crystallization Process and the Microstructure of Synthetic Cast Iron [Full Text PDF](#)

B. Kalandyk, J. Kalandyk, A Methodology of Experimental Research on Corrosive-Erosive Wear Behaviour of Iron Alloys in Mine Water [Full Text PDF](#)

Z. Konopka, M. Łagiewka, M. Nadolski, A. Zyska, Theoretical Analysis of the AlSi10Mg Alloy Suspension Manufacturing by the RFS Process [Full Text PDF](#)

T. Mikulczyński, S. Ciskowski, Mathematical Modelling of Impulse Compaction Process of Moulding Sands – Simulation and Experimental Research [Full Text PDF](#)

T. Pacyniak, R. Kaczorowski, Investigations of Polystyrene Pre-Expansion Process by Use of the Test Stand Equipped with Batch Pre-Expander [Full Text PDF](#)

M. Perzyk, A. Soroczynski, J. Kozłowski, Applications of Rough Sets Theory in Control of Foundry Processes [Full Text PDF](#)

J. Piekło, S. Pysz, M. Maj, Stress Models for an Assessment of the Impact of Casting Defects on Static and Fatigue Cast Material Strength [Full Text PDF](#)

S. Pietrowski, New High Materials for Machinery and Foundry Devices [Full Text PDF](#)

T. Rec, A. Milenin, Numerical Modeling of Macrosegregation and Stress-Strain State Distribution in Slab During Continue Casting with Soft Reduction [Full Text PDF](#)

I. Spicka, M. Heger, J. Franz, The Mathematical-Physical Models and the Neural Network Exploitation for Time Prediction of Cooling Down Low Range Specimen [Full Text PDF](#)

A. S t a w o w y, A. M a c i o ł, R. W r o n a, Casting Process Selection using Business Rules Approach [Full Text PDF](#)

E. T e n, I. B a d m a z h a p o v a, Technologies of Refining and Recycling of Copper and Copper Alloys [Full Text PDF](#)

R. W ł a d y s i a k, Effect of Water Mist on Cooling Process of Casting Die and Microstructure Of AlSi11 Alloy [Full Text PDF](#)

S. W o l n y, S. D z i k, Dynamic Problems Involved in Operation of Selected Elements of Crane Installations Used in the Foundry Engineering [Full Text PDF](#)

E. Z i ó ł k o w s k i, R. W r o n a, K. S m y k s y, Analysis and Assessment of Foundry Moulding Sand Preparing Process Using the Dynamic Power Measurement Method [Full Text PDF](#)

J. Z y c h, Ł. J a m r o z o w i c z, Advancement of the Hardening Front in Forms and Cores Made of Quickly Bonding Composites – Ultrasonic Analyses [Full Text PDF](#)

A. Z y s k a, Z. K o n o p k a, M. Ł a g i e w k a, M. N a d o l s k i, Characteristics of Squeeze Cast AlZn5Mg Alloy Castings [Full Text PDF](#)

P. Z y z a k, Characteristic of a Shot Stream in a Rotor Cleaning Machine [Full Text PDF](#)