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A model for temperature measurement errors in off-gas channels , B. Solvang ¹ and E. Næss ² , 1) SINTEF Materials and Chemistry Trondheim, Norway, 2) The Norwegian University of Science and Technology, Trondheim, Norway
<i>Ferrochromium fundamentals</i>
Thermodynamic analysis of chrome reduction with aluminum and silicon , A. Akuov ¹ , M. Tolymbekov ¹ , B. Kasenov ¹ and A. Yesenzhulov ² , 1) Chemical-Metallurgical Institute, Kazakhstan, 2) Aksu Ferroalloy Plant, Affiliate of JSC TNK Kazchrome, Kazakhstan
Petrographic analysis of low-carbon ferrochrome slags , A. Konarbaeva, A. Akuov, M. Tolymbekov, Chemical-Metallurgical Institute, Kazakhstan
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Coal based direct reduction of preoxidized chromite ore at high temperature , G. Kapure ¹ , V. Tathavadkar ¹ , C. B. Rao ¹ , S.M. Rao ¹ , K.S. Raju ² , 1) Tata Steel Limited, Jamshedpur, India, 2) Ferro Alloys and Minerals Division, Tata Steel Limited, Bannipal, India
<i>Ferrochromium production</i>
Zimbabwe alloys ferro chromium production: from cradle to grave sustainably , J. Chirasha and N.R. Shoko, Zimbabwe Alloys International, Gweru, Zimbabwe.
Simulation of the production of ferro-chromium in submerged-arc furnace , S. Rangnathan ¹ , K. M. Godiwalla ¹ , N. V. Satyanarayana ² , Parvesh Kumar ¹ , Vardhan Rao ³ , A.K.Roy ³ , B.Srikant ³ , 1) National Metallurgical Laboratory, Council of Scientific and Industrial Research, Jamshedpur, India, 2) Indian Institute of Chemical Technology, Hyderabad, India, 3) Navabahrat Ventures Ltd., Orissa, India
<i>Ferromanganese smelting</i>
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Influence of boron oxide on viscosity and conductivity of CaO-SiO₂-Al₂O₃-MgO-MnO slags , O. Sariev, M. Tolymbekov, A. Akberdin, A. Kim, Chemical-Metallurgical Institute, Kazakhstan
Electrical conductivity and viscosity of MnO-SiO₂-CaO slags with additives: analysis and prediction with multi-objective optimisation tool , M. M. Gasik ¹ , M. I. Gasik ² , 1) Aalto University of Technology, Espoo, Finland, 2) National Metallurgical Academy of Ukraine, Dnipropetrovsk, Ukraine
<i>Other ferroalloy fundamentals</i>
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Thermal analysis of agglomerated nickel ore , B. Kelamanov ¹ , M. Tolymbekov ¹ , K. Kaskin ² , A. Baisanov ¹ , 1) Chemical-Metallurgical Institute, Karaganda, Kazakhstan, 2) Zhubanov University, Aktobe, Kazakhstan
Small scale laboratory experiments simulating an industrial silicon furnace , M. Tangstad ¹ , M. Ksiazek ¹ , V. Andersen ¹ , E. Ringdalen ² , 1) NTNU, Trondheim, Norway, 2) SINTEF, Trondheim, Norway
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<i>Applications and uses</i>
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Ferroalloys for clean steels productions and quality specifications , K.V. Grigorovich, S.S. Shibaev, I.V. Kostenko, Baikov Institut of metallurgy and Material Science RAS, Moscow, Russia
Impurities in commercial ferroalloys and its influence on the steel cleanliness , M. M. Pande ¹ , M. Guo ¹ , X. Guo ¹ , D. Geysen ¹ , S. Devisscher ² , B. Blanpain ¹ , P. Wollants ¹ , 1) Dept. of Metallurgy and Materials Engineering, Katholieke Universiteit Leuven, Belgium, 2) ArcelorMittal Gent (Sidmar), Belgium
Contribution maximization model -case of a ferro alloys manufacturing firm , R.K. Mohapatra, International School of Business Management, Bhubaneswar, India