

ISSN 0301-7510



**INTERNATIONAL JOURNAL OF
MINERAL
PROCESSING**

<http://www.elsevier.com/locate/ijminpro>

(Abstracted/Indexed in: A.G.I.'s Bibliography and Index of Geology, Chemical Abstracts, Current Contents, Pascal/CNRS)

Announcement	1
------------------------	---

Research Papers

Analysis of the slump test for on-site yield stress measurement of mineral suspensions S. Clayton, T.G. Grice and D.V. Boger	3
Characterizing the rheology of laterite slurries B.C. Blakey and D.F. James	23
The effect of chemicals on the viscosity and stability of coal water slurries H. Dinçer, F. Boylu, A.A. Sirkeci and G. Ateşok	41
A mathematical model of concentrate solids content for the wet drum magnetic separator J.G. Rayner and T.J. Napier-Munn	53
Control of grinding conditions in the flotation of galena and its separation from pyrite Y. Peng, S. Grano, D. Fornasiero and J. Ralston	67
Study of celestite flotation efficiency using sodium dodecyl sulfonate collector: factorial experiment and statistical analysis of data A. Martínez L., A. Uribe S., F.R. Carrillo P., J. Coreño A. and J.C. Ortiz	83
Sorptive flotation for metal ions recovery K.A. Matis, A.I. Zouboulis, N.K. Lazaridis and I.C. Hancock	99
Influence of the olivine additive fineness on the oxidation of magnetite pellets S.P.E. Forsmo and A. Hägglund	109
A technique for interpolation and smoothing of mass-size-density data A.I.A. Salama	123
Removal of lead minerals from copper industrial flotation concentrates by xanthate flotation in the presence of dextrin J. Drzymala, J. Kapusniak and P. Tomaszik	147
Hydrodynamic interactions between particles in aggregation and flotation Y. Hu, G. Qiu and J.D. Miller	157

Contents continued on page 263



**CONTENTS
Direct**

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>



0301-7516 (200306)70:1-4;1-P

Authors are requested to accompany their manuscripts with texts in electronic form with a completed checklist with each diskette.
Copies of the guide for authors and the checklist are available from the publisher.