

Se ha considerado oportuno incluir, en la presente "información bibliográfica", los índices de diversas revistas seleccionadas entre las más interesantes que, periódicamente, se reciben en la Biblioteca del Instituto "Eduardo Torroja", las cuales se ponen a disposición de los lectores interesados en las mismas.

## ACI MATERIALS JOURNAL

Vol. 90, n° 6 (noviembre-diciembre 1993)

**Mechanical Properties of Concrete Incorporating High Volumes of Fly Ash from Sources in the U.S.**, by Georges Carotte, Alain Bilodeau, Raymond L. Chevrier, and V.M. Malhotra

**Fly Ash Evaluation and Selection for Use in Sulfate-Resistant Concrete**, by P.J. Tikalsky and R. L. Carrasquillo

**Modeling the Electromagnetic Properties of Concrete**, by Udaya B. Halabe, Arash Sotoodehnia, Kenneth R. Maser, and Eduardo A. Kausel

**Prediction of Long-Term Corrosion Resistance of Plain and Blended Cement Concretes**, by Omar Saeed Baghabra Al-Amoudi, Rasheeduzzafar, Mohammed Maslehuddin, and Abdulaziz Ibrahim Al-Mana

**Pulverized Fuel-Ash Concrete: Intrinsic Permeability**, by Ravindra K. Dhir and Ewan A. Byars

**Apparent Strength Retrogression of Silica-Fume Concrete**, by François de Larrard and Pierre-Claude Aitcin

**Performance of Fly Ash Concrete in U.K. Structure**, by Michael D. A. Thomas and John D. Matthews

**Damage Accumulation in Concrete with and without Fiber Reinforcement**, by Mirosław Grzybowski and Christian Meyer

**Predicting the Service Life of Concrete**, by James R. Clifton

**Fracture Process Zone Presence and Behavior in Mortar Specimens**, by Neven Krstulovic-Opara

## ADVANCES IN CEMENT RESEARCH

Vol. 5, n° 20 (octubre 1993)

**Superplasticizers for Cement Fondu. Part 1: Effects on rheological properties of fresh paste and mortar**, P.F.G. Bamfill and S. M. Gill

**Delayed ettringite formation: a microstructural and microanalytical study**, K.L. Scrivener and H. F. W. Taylor

**Influence of some set accelerating admixtures on the hydration of Portland cement containing phosphogypsum**, V.T. Yilmaz and Ö. Isildak

**Morphological, mineralogical and chemical features of steam-cured concretes containing densified silica fume and various alkali levels**, A. Shayan, G. W. Quick and C. J. Lánckucki

**Hydration reactions in autoclaved DSP cements**, G. K. Sun and J. F. Young

**Computer simulation of impedance behaviour in hydrating Portland cement systems**, Ping Gu, Ping Xie and J. J. Beaudoin

## IL CEMENTO

n° 4 (octubre-diciembre 1993)

**Chloride ion diffusivity of blended cement mortars: A. C. impedance and pore structure parameters**, R. Feldman, G. W. Chan, R. J. Brousseau

**The role of cement dust in some blended cements**, H. El-Didamony, A. A. Amer, E. Ebied, M. Heikal

**The effect of coal dust-fly ash mixture on the hydration of Portland cement**, N. B. Singh, S. Prabha Singh, R. Sarvahi, A. K. Shukla

**Kinetic and power aspects of cement containing composites properties formation**, A. V. Usherov-Marshak, V. P. Sopov

## CEMENT & CONCRETE COMPOSITES

Número Especial - Composite Cements

Vol. 15, n° 4 (1993)

**Pozzolanic cements**, F. Massazza (Italy)

**Chloride ingress in microsilica concrete**, M. M. Azari, P. S. Mangat & S. C. Tu (UK)

**Efficiency of fly ash in concrete**, K. Ganesh Babu & G. Siva Nageswara (India)

**Use of a high-calcium fly ash in blended type cement production**, J. Papayianni (Greece)

**Blended cements - applications and implications**, E. W. Miller (UK)

## CEMENT AND CONCRETE RESEARCH

Vol. 24, n° 1 (1994)

**Analysis of Microstructure of Hardened Cement Paste by Finite Element Method**, C. Z. Xiao, H. Z. Lam and X. L. Liu

**Influence of Sulfates on Chloride Binding in Cements**, S. E. Hussain, Rasheeduzzafar and A. S. Al-Gahtani

**Percolation and Pore Structure in Mortars Concrete**, D. N. Winslow, M. D. Cohen, D. P. Bentz, K. A. Snyder and E. J. Garboczi

**A Method for Evaluation the Corrosion Potential of a Cement Slurry to Reinforcing Steel**, P. Gu, Y. Fu, P. Xie and J. J. Beaudoin

**The Effect of Chlorides on the Formation of Belite and Alinite Phase**, Ch. Ftikos and D. Kiatos

**Carbonation of Concrete Structures and Decomposition of C-S-H**, K. Kobayashi, K. Suzuki and Y. Uno

**Une Nouvelle Approche du Mechnisme de la Reaction Alkali-Carbonate**, W. Prince, R. Perami and M. Espagne

**The Effectiveness of Supplementary Cementing Materials in Suppressing Expansion due to ASR: Another Look at the Reaction Mechanisms. Part 1: Concrete Expansion and Portlandite Depletion**, J. Duchesne and M. A. Bérubé

**Development of Alkali Silica in Concrete Structure with Time**, A. Nielson

**A. C. Impedance Phenomena in Hydrating Cement Systems: Frequency Dispersion Angle and Pore Size Distribution**, P. Gu, P. Xie, Y. Fu and J. J. Beaudoin

**A. C. Impedance Phenomena in Hydrating Cement Systems: The Drying-Rewetting Process**, P. Gu, P. Xie, Y. Fu and J. J. Beaudoin

**A. C. Impedance Phenomena in Hydrating Cement Systems: Detectability of the High Frequency Arc**, P. Xie, P. Gu, Y. Fu and J. J. Beaudoin

**The Role of Silica Fume in Mortar: Transition Zone versus Bulk Paste Modification**, M. D. Cohen, A. Goldman and W. -F. Chen

**Properties of Anhydrite Cement Obtained from Apatite Phosphogypsum**, A. Jarosinski

**Surface and Bulk Studies of Leached and Unleached Fly Ash Using XPS, SEM, EDS and FTIR Techniques**, M. Y. A. Mollah, T. R. Hess and D. L. Cocke

**Formation and Expansion of Ettringite Crystals**, M. Deng and M. Tang

**3CaO-SiO<sub>2</sub> Hydration under Decreased Temperatures**, A. A. Klyusov

**Immobilization of Simulated High Level Wastes into AASC Waste Form**, X. Shen, S. Yan, X. Wu, M. Tang and L. Yang

**Cross-Sectional Strenght Gradients in High Strengh Concrete Columns**, S. L. Mak, M. M. Attard, D. W. S. Ho and P. LeP. Darvall

**Hydration Products Aluminoferrite in the Presence of Gypsum**, L. Tong and N. Yang

**A Study on the Application of Vacuum Microwave Composite Dewatering Technique in Concrete Engineering**, D. Li and X. Wu

**The Combined Effect of Water and Temperature on the Strengh of Sulfur Concrete**, Y. Abdel-Jawad and M. Al-Qudah

**Chemical Conversion of C-S-H in Concrete**, T. Nishikawa and K. Suzuki

## **MAGAZINE OF CONCRETE RESEARCH**

Vol. 45, n° 165 (diciembre 1993)

**New guidelines for cold weather concreting**, R. M. Edmeades and R. I. Day

**Performance of building structures affected by Scud missile attacks in Riyadh**, M. A. Amjad

**Development of a non-destructive test to quantify damage in deteriorated concrete**, T. M. Chrisp, P. Waldron and J. G. M. Wood

**Ionic diffusion across an interface between chloride-free and chloride-containing cementitious materials**, S. W. Yu, G. Sergi and C. L. Page

**Durability indicators of OPC concretes subject to wick action**, W. P. S. Dias

**Survey of condition of precast high-alumina cement concrete components in internal locations in 14 existing buildings**, N. J. Crammond and R. J. Currie

**Experimental investigation of behaviour of anchorage zones**, T. J. Ibell and C. J. Burgoyne

**Effect of first-storey shearwalls with Teflon sliders on earthquake-resistant building**, Y. L. Mo and Y. F. Chang

**Estimating the potential strength of concrete with prior load history**, W. P. Yip

**A new technique for the measurement of the electrical resistivity of concrete**, by V. Lakshminarayanan, P. S. Ramesh and S. R. Rajagopalan. R. Clugston

**An improved model to predict the ultimate drying shrinkage of concrete**, by J. A. Almudaiheem. D. McDonald

## **ZEMENT-KALK-GIPS (INTERNACIONAL)**

Vol. 47 (febrero 1994)

Vol. 83 of "CEMENT"

**Yeso procedente de la desulfuración de los gases de humo. Definiciones y legislación en la Comunidad Europea, en los países de la OCDE y en Alemania**, Dr. F. Wirsching, Dr. R. Hüller y Dipl. Ing. R. Olejnik

**Determinación del fin de la hidratación de los ligantes de yeso por medio de curvas de temperatura-tiempo, a temperatura ambiente**, Dipl.-Ing. V. Thole

**Molinos de cilindros y lecho de material**, Dr.-Ing. H. G. Ellerbrock

**Alternativas de protección de las superficies de los molinos de cilindros y lecho de material, sometidas al desgaste**, Dipl.-Ing. N. Patzelt

**Sistemas de separadores para la molienda de acabado y de semiacabado mediante la prensa de rodillos**, O. S. Rasmussen y Mech.-Eng. J. Folsberg

**Nuevo procedimiento acústico para la medición del grado de llenado de material a moler**, Dipl.-Ing. F. Golder and Dipl.-Ing. J. Hagenbach

**Nueva instalación para la fabricación de materiales para la construcción secas**, Obering. F. Wimberger

**Empleo de una excavadora de rueda de palas en la explotación a cielo abierto**, Dipl. Ing. Dipl. Wirtsch.-Ing. H. Steinberg y Dipl. Ing. R. Hoffmann

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