



IBRACON

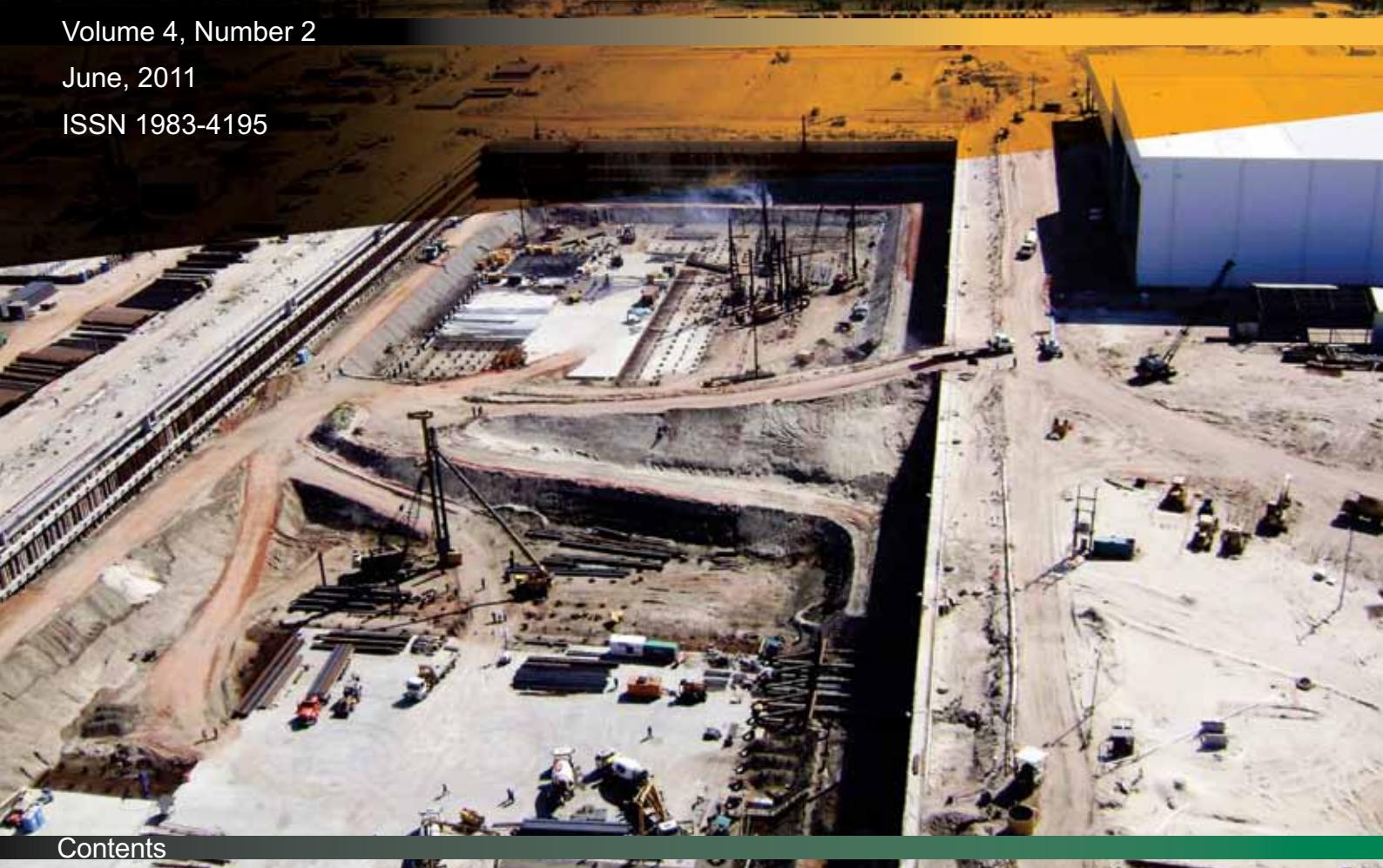
REVISTA IBRACON DE ESTRUTURAS E MATERIAIS

IBRACON STRUCTURES AND MATERIALS JOURNAL

Volume 4, Number 2

June, 2011

ISSN 1983-4195



Contents

Fully probabilistic design – the way for optimising of concrete structures

I. LANÍKOVÁ, P. ŠTĚPÁNEK, P. ŠIMŮNEK, D. HORÁK and M. ZLÁMAL

A multiphase model for reinforced concrete structures considering the concrete cracking

M. P. FIGUEIREDO, S. MAGHOUS and A. CAMPOS FILHO

Influence of fine aggregates particle shape in the concrete properties

F. FABRO, G. P. GAVA, H. B. GRIGOLI and L. C. MENEGHETTI

Matlab™ programming for stress analysis in concrete gravity dams considering earthquake and silts

R. C. SILVA and L. S. VIANA

Comparative assessment of self-compacting concretes (SCC) with fly ash and fine

B. F. TUTIKIAN and D. DAL MOLIN

Concrete beams fire design. Enhancement of some recommendations of the Eurocode

V. P. SILVA

Design of precast columns bases embedded in socket foundations with smooth interfaces

G. M. CAMPOS, R. M. F. CANHA and M. K. EL DEBS

Probabilistic analysis of the fiber reinforced concrete used in the construction of the Estaleiro Rio Grande dry dock

F. C. Magalhães and M. V. Real