



Volume 11, No. 2, 2009

CONTENTS

No.2
Civil Engineering

M. Amdur

Modular Hydro-Power Farm

A. Berkovitch , L. Eppelbaum

From Seismic Inversion to Applied Optics: A Novel Approach to Design of Complex Systems

A. M. Boldyrev, A. A. Sventikov

Optimization of Integration Parameters of Suspension Shell Structures

S. Y. Gridnev

Using of the Kantorovich Method for Modeling of Bending Vibration of the Floating Bridge Systems

V. N. Melkumov, S. A. Kolodyazhnyj

Ecological Influence of Fires on Environment

V. N. Melkumov, S. N. Kuznetsov

Dynamics of Formation of Air Streams and Temperatures Fields in Premise

G. Muravin, I. Mizrahi, N. Frage, B. Muravin

Revealing Flaws by Quantitative Acoustic Emission Non-destructive and Photo-Elastic Methods

M. Y. Panov, V. N. Semyonov

Urban Systems of Low Gas Pressure: Models of Operational Control

V. P. Podolskiy

Simulating of a Heat Transfer Process in Road Structure, Equipped with a Snow Melting System

V. S. Safronov, V. N. Goryachev

Risk of Beginning of Limit States in Ferro-Concrete Road Bridges at Earthquakes

T. V. Samodurova

Physico-statistical Forecast of Short-Term Road Ice Formation

V. N. Semyonov

Organization of Energy Saving in Housing and Communal Complex of Municipality

D. M. Shapiro, A. V. Agarkov

Deformation Non-linear Calculation of Reinforced Concrete T-section Beams

A. N. Tkachenko

Pneumatic Shuttering Systems: Researches and Use

V. Voichek , V. Babaev , E. Melamed, D.Beilin

Modern Problems of the Computer-Aided Design of Building Structures

Letters to Editorial Board

CONGRATULATIONS

O.Michailov

Parametric Identification of Vessel Volume

V. Y. Mischenko ,B. B. Hrustalyov

Calculation of Innovative Potential of Regional Building Complex Enterprises

T. Tamarin, O.Figovsky

Investment and Innovation