

QIRT Journal

An International Journal on
Quantitative InfraRed Thermography

Content

Volume 1 – n°1/2004

Foreword

D. Balageas

Autoregressive algorithms and spatially random flash excitation for 2D non destructive evaluation with infrared cameras

J.-C. Batsale, J.-L. Battaglia, O. Fudym

Lock-in thermography with eddy-current excitation

G. Riegert, Th. Zweschper, G. Busse

Thermoinductive investigations of magnetic materials for surface cracks

B. Oswald-Tranta

Pulsed phase thermography reviewed

C. Ibarra-Castanedo, X. Maldague

Determination of the conjugate heat transfer performance of a turbine blade cooling channel

R. Redrizzi, T. Arts

Thermographic imaging of free carrier density in silicon for solar cells

M. C. Schubert, J. Isenberg, S. Riepe, W. Warta

Analysis of thermoelastic and dissipative effects related to the fatigue of 2024 T3 aluminium alloy

A. E. Morabito, A. Chrysochoos, V. Dattoma, U. Galietti

Investigation of nucleation and propagation of phase transitions in TiNi SMA

E. Pieczska, S. Gadaj, W. Nowacki, H. Tobushi