

OPTICA APPLICATA





A quarterly of the Institute of Physics, Wroclaw University of Technology



SEARCH

Advanced search

About Optica Applicata

Current issue

Browse archives

Search

Editorial Board

Instructions for Authors

Ordering

Contact us

Optica Applicata 2007(Vol.37), No.3, pp. 219-228

Examination of air density fluctuations with the aid of laser beam

Katarzyna Klemm, Krzysztof Pieszynski, Kazimierz Rozniakowski

Keywords

turbulence, density fluctuations, laser application

Abstract

The paper presents theoretical foundations and results of experimental verification of the possibility of laser beam application for registration of air density fluctuations caused either by mechanically forced air flow near obstacles which are not streamlined or by the presence of solid objects which produce thermal disturbance (temperature gradients).



1.2 MB

Back to list

© Copyright 2007 T.Przerwa-Tetmajer All Rights Reserved 2007

stat 4u