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### Theoretical treatment of relaxation oscillations in quasi-three-level systems

J.R. Salcedo, J.M. Sousa, V.V. Kuzmin (Portugal)

### Sound-velocity measurements in gases by laser-induced electrostrictive gratings

W. Hubschmid, R. Bombach, B. Hemmerling, A. Stamparoni-Panariello (Switzerland)

### $\chi^{(3)}$ scattering noises in nonlinear optical phase conjugation

W. Wu, Q.B. He, P. Yeh, C. Gu (USA)

### Absolute concentration measurements of $C_2$ in a diamond CVD reactor by laser-induced fluorescence

C. Kaminski, P. Ewart (UK)

### Thermometry of gas layers in thermal plasma CVD by pulsed-laser Rayleigh scattering

J. Larjo, J. Vattulainen, R. Hernberg (Finland)

### Relation of pump-beam quality and conversion efficiency in the Raman downward conversion

T.T. Lay, S. Wada, H. Tashiro, K. Toyoda (Japan)

### Comparative study of spectral narrowing of a pulsed Ti:Sapphire laser using pulsed and CW injection seeding

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