

Sibilia Concita

Publicații peste hotare - **14**.

Publicații indexate în SCOPUS - **14**.

2004 - 1

Surface deformation measurement by photothermal deflection technique

Bertolotti Mario¹², Li Voti Roberto¹², Paoloni Stefano¹², Sibilia Concita²¹, Liakhov Gregory³

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Proceedings of SPIE - The International Society for Optical Engineering

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2001 - 1

Thermal waves physics

Li Voti Roberto¹, Liakhov Gregory², Paoloni Stefano¹, Sibilia Concita¹, Bertolotti Mario¹

¹ Sapienza University of Rome,

² Technical University of Moldova

Journal of Optoelectronics and Advanced Materials

Vol. 3, / 2001 / ISSN 1454-4164

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1999 - 2

Thermal wave reflection and refraction: Theoretical and experimental evidence

Bertolotti Mario¹, Liakhov Gregory¹², Li Voti Roberto¹, Paoloni Stefano¹, Sibilia Concita¹

¹ Sapienza University of Rome,

² Technical University of Moldova

Journal of Applied Physics

Vol. 85, / 1999 / ISSN 0021-8979 / ISSNe 1089-7550

Disponibil online 26 October, 2023. Descarcări-0. Vizualizări-137

Thermophysical characterization of artificially aged papers by means of the photothermal deflection technique

Bertolotti Mario¹², Ligi S.¹², Liakhov Gregory¹³², Li Voti Roberto¹², Paoloni Stefano¹², Sibilia Concita¹², Ricciardiello G.⁴, Alessi Paolo⁴

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Journal of Applied Physics

Vol. 85, / 1999 / ISSN 0021-8979 / ISSNe 1089-7550

1998 - 2

Analysis of the photothermal deflection technique in the surface reflection scheme: Theory and experiment

Bertolotti Mario, Liakhov Gregory, Li Voti Roberto, Paoloni Stefano, Sibilica Concita

Technical University of Moldova

Journal of Applied Physics

Vol. 83, / 1998 / ISSN 0021-8979 / ISSNNe 1089-7550

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Probe-beam incidence angle-effects on thermal diffusivity measurement by photothermal deflection technique

Bertolotti Mario¹, Liakhov Gregory², Li Voti Roberto¹, Paoloni Stefano¹, Sibilica Concita¹

¹ Sapienza University of Rome,

² Technical University of Moldova

Applied Physics B: Lasers and Optics

Vol. 67, / 1998 / ISSN 0946-2171 / ISSNNe 1432-0649

Disponibil online 9 November, 2023. Descarcări-0. Vizualizări-122

1997 - 1

New photothermal deflection method for thermal diffusivity measurement of semiconductor wafers

Bertolotti Mario¹, Dorogan Valerian^{1,2}, Liakhov Gregory^{1,2}, Li Voti Roberto¹, Paoloni Stefano¹, Sibilica Concita¹

¹ Sapienza University of Rome,

² Technical University of Moldova

Review of Scientific Instruments

Vol. 68, / 1997 / ISSN 0034-6748 / ISSNNe 1089-7623

Disponibil online 19 June, 2024. Descarcări-0. Vizualizări-6

1995 - 1

A cryostatic setup for the low-temperature measurement of thermal diffusivity with the photothermal method

Bertolotti Mario^{1,2,3}, Liakhov Gregory⁴, Li Voti Roberto^{1,2,3}, Paoloni Stefano^{1,2,3}, Sibilica Concita^{1,2,3}, Sparvieri Nicola⁵

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Review of Scientific Instruments

Vol. 66, / 1995 / ISSN 0034-6748 / ISSNNe 1089-7623

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1994 - 2

A photothermal experiment interpreted as evidence of electron-hole self-ordering in As-S chalcogenide glasses

Antonyuk Boris¹, Bertolotti Mario², Kiselev S.¹, Liakhov Gregory³, Popescu Aneta⁴, Sibia Concita⁴

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Applied Physics B: Lasers and Optics

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Photothermal optical losses characterization of channel waveguides

Bertolotti Mario^{1,2}, Fabbri Luciano^{1,2}, Liakhov Gregory³, Li Voti Roberto^{1,2}, Matera A.^{1,2}, Sibia Concita^{1,2}, Valentino M.^{1,2}

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Vol. 4, / 2015 / ISSN 2162-8769 / ISSNe 2162-8777

Disponibil online 9 February, 2024. Descarcări-0. Vizualizări-121

1993 - 4

Creation of long-living ordered electron-hole structures in a disordered system: Slow nonlinear response and formation of a beam channel by weak pumping

Antonyuk Boris¹, Kiselev S.¹, Bertolotti Mario², Sibia Concita², Liakhov Gregory³, Andriesh Andrei⁴

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Physical Review B

Vol. 47, / 1993 / ISSN 2469-9950 / ISSNe 2469-9969

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Mirror temperature of a semiconductor diode laser studied with a photothermal deflection method

Bertolotti Mario¹, Liakhov Gregory², Li Voti Roberto¹, Peng Wang Ruo³, Sibia Concita¹, Yacovlev Vladimir²

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Journal of Applied Physics

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On the photodeflection method applied to low thermal diffusivity measurements

Bertolotti Mario^{1,2}, Li Voti Roberto^{1,2}, Liakhov Gregory³, Sibia Concita¹

¹ Sapienza University of Rome,

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Review of Scientific Instruments

Vol. 64, / 1993 / ISSN 0034-6748 / ISSNe 1089-7623

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Thermal behaviour of a laser diode

Bertolotti Mario¹, Albani M.¹, Li Voti Roberto¹, Liakhov Gregory², Michelotti Francesco¹, Sibia Concita¹, Ferrari Aldo³, Syrbu Alexei², Yakovlev Vladimir²

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