

Obsah

1. Předmluva	5
2. Seznam publikací s abstrakty Ústavu fyziky FEKT	9
3. Vybrané publikace, prezentované v mezinárodních časopisech a na význačných mezinárodních konferencích	51
3.1. GRMELA, L., TOMÁNEK, P. ŠKARVADA, P. Near-field study of hot spot photoluminescence decay in ZnS:Mn nanoparticles <i>Materials Science Forum</i> , 2007, Vol. 567-568 p. 241-244. ISSN 0255-5476	52
3.2. KOKTAVÝ, P., RAŠKA, M., SADOVSKÝ, P., KRČÁL, O. Noise diagnostics of solar cells <i>AIP conference proceedings</i> , 2007, Vol. 2007, No. 922, p. 141 – 144. ISSN 0094-243X	56
3.3. KOKTAVÝ, P., VANĚK, J., CHOBOLA, Z., KUBÍČKOVÁ, K., KAZELLE, J. Solar cells noise diagnostic and LBIC comparison <i>AIP conference proceedings</i> , 2007, Vol. 2007, No. 922, p. 306 – 309. ISSN 0094-243X	60
3.4. KOKTAVÝ, B., KOKTAVÝ, P. Noise spectroscopy of mechanically stressed insulating materials <i>AIP conference proceedings</i> , 2007, Vol. 2007, No. 922, p. 298 – 301. ISSN 0094-243X	64
3.5. PAVELKA, J., ŠIKULA, J., TACANO, M. Non-Poisson process in RTS-like noise <i>AIP Conference Proceedings</i> , 2007, Vol. 922, p. 111-114. ISSN 0094-243X	68
3.6. SEDLÁKOVÁ, V., ŠIKULA, J. Thick film resistors testing by electro-ultrasonic spectroscopy <i>Proceedings of the CARTS USA 2007 Conference</i> , Albuquerque, New Mexico, USA, 2007, p. 321 – 328. ISBN 0-7908-0114-0	72
3.7. SEDLÁKOVÁ, V., ŠIKULA, J., NAVAROVÁ, H., PAVELKA, J., HLÁVKOVÁ, J., SITA, Z. Leakage current, noise and reliability of NbO and Ta capacitors <i>Proceedings of the 16th European Microelectronics and Packaging Conference – EMPC 2007</i> , Oulu, Finland, 2007, p. 436 – 441. ISBN 978-952-99751-1-2	79

- 3.8. SEDLÁKOVÁ, V., MAJZNER, J., ŠIKULA, J. 85
Noise and electro-ultrasonic spectroscopy of polymer based conducting layers
AIP conference proceedings, 2007, Vol. 2007, No. 922, p. 277 – 280.
ISSN 0094-243X
- 3.9. SEDLÁKOVÁ, V., ŠIKULA, J., TOFEL, P., ZAJAČEK, J. 89
Noise and electro-ultrasonic spectroscopy of polymer based thick film layers
Proceedings of the 31st International Conference IMAPS-Poland 2007,
Rzesow, Poland, 2007, p. 527 – 530.
ISBN 978-83-917701-4-6
- 3.10. ŠIKULA, J., PAVELKA, J., HAVRÁNEK, J., HLÁVKOVÁ, J., TACANO, M., TOITA, M. 93
RTS and 1/f noise in submicron MOSFETs
AIP Conference Proceedings, 2007, Vol. 2007, No. 922, p. 71-74.
ISSN 0094-243X
- 3.11. TOMÁNEK, P., GRMELA, L., ŠKARVADA, P. 97
Optical fiber Bragg grating used in the sensing of surface plasmon resonance
Proceedings of SPIE, 2007, Vol. 6715, No. 6715, p. 215 - 222.
ISSN 0277-786X
- 3.12. VANĚK, J., KOKTAVÝ, P., KUBÍČKOVÁ, K., SADOVSKÝ, P. 105
Usage of micro-plasma signal noise for solar cells diagnostic
Proceedings of SPIE, 2007, Vol. 6600, No. 6600, p. 17 - 24.
ISSN 0277-786X
4. **Publikace Workshopu** 113
- 4.1. BOREK, R., GREGOR, J., JAKUBOVA, I. 114
Non-destructive determination of the thermoelectric converter's material constant