

Doc. RNDr. Jarmila Müllerová, PhD.

Inštitút Aurela Stodolu, vzdelávacie a vedecko-výskumné pracovisko

Elektrotechnická fakulta Žilinskej univerzity v Žiline

### Zoznam najvýznamnejších vedeckých prác

1. Müllerová, J.: Využitie maticových metód v optike. Žilinská univerzita v Žiline/EDIS – vydavateľstvo ŽU, Žilina 2013
2. Mudroň, J., Müllerová, J., Dubecký, F.: Optical properties of semi-insulating GaAs irradiated by neutrons. Solid-State Electronics, Vol.42, 1998, No.2, 243-246.
3. Müllerová, J., Mudroň, J.: Determination of Optical Parameters and Thickness of Thin Films Deposited on Absorbing Substrates Using Their Reflection Spectra. Acta Physica Slovaca. Roč. 50, č. 4 (2000), s. 477-488.
4. Kundracík, F., Hartmanová, M., Müllerová, J., Jergel, M., Kostič, I., Tucoulou, R.: Ohmic resistance of thin yttria stabilized zirconia film and electrode - electrolyte contact area. In: Materials Science and Engineering B. – č. 84 (2001), s. 167-175.
5. Müllerová, J., Jurečka, S., Kučerová, A.: Extraction of optical parameters of thin films from spectral measurements for design and optical performance of multilayer structures, Acta Physica Slovaca, 53, 2003, No. 2, s. 111 – 119
6. Müllerová, J., Jurečka, S., Šutta, P., Optical Characterization of polysilicon thin films for solar applications. Solar Energy, vol. 80, No. 6, p. 667 – 674, June 2006
7. Müllerová, J., Šutta, P., van Elzakker, G., Zeman, M., Mikula, M.: Microstructure of hydrogenated silicon thin films prepared from silane diluted with hydrogen. Applied Surface Science 254 (2008) 3690–3695.
8. Müllerová, J., Vavrušková, V., Šutta, P.: Optical absorption in PECVD deposited thin hydrogenated silicon in light of ordering effects: Central European Journal of Physics, Vol.7 (2009), Issue 2, 315-320.
9. Müllerová, J., Prušáková, L., Netrvalová, M., Vavrušková, V., Šutta, P.: A study of optical absorption in amorphous hydrogenated silicon thin films of varied thickness, Applied Surface Science 256 (2010) 5667 – 56671.
10. Müllerová, J., Korček, D.: Super-separation thin film filtering for coexistence-type colorless WDM-PON networks (Invited Paper). In: IEEE Conference Proc. 13th International Conference on Transparent Optical Networks ICTON 2011, Stockholm, Sweden, 27 – 30 June, 2011, Tu.C6.4, 2011, IEEE, ISBN 978-1-4577-0882-4
11. Korček, D., Müllerová, J.: Steep optical filtering for next generation optical access networks. (Invited Paper) Proc. SPIE 8697, 18th Czech-Polish-Slovak Optical Conference on Wave and Quantum Aspects of Contemporary Optics, Ostravice, Czech Republic Sept. 2012, 86971T (December 18, 2012); doi: 10.1117/12.2008256
12. Korček, D., Müllerová, J.: Wavelength protection within coexistence of current and next-generation PON networks. (Invited Paper) IEEE Proc. 15th ICTON Cartagena 2013 Article No. We.C3.3

Liptovský Mikuláš 12.9.2013

  
doc. RNDr. Jarmila Müllerová, PhD.