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Zvanja: 1988 Istraživač pripravnik
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Članstva u društvima: IEEE
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Profesionlno iskustvo: 1988 – IHTM – CMT

Oblasti interesovanja: Pasivne mikrotalasne strukture, mikrotalasne i milimetarske antene, senzori i fotodiode

Stručne veštine: IE3D Zeland software, WIPL-D software package

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Znanje jezika: Engleski

Izabrane publikacije: Domaći Patenti:

1. Александар Нешић, **Душан Нешић**, "Штампана унипланарна антена са омнидирекционалном карактеристиком зрачења и вертикалном поларизацијом", Одобрено као **Патент Број 49986** у Регистру патената од **14.05 2008**.
2. Александар Нешић, **Душан Нешић**, "Цилиндрично параболична антена са аксијалним штампаним антенским низом као примарним радијатором", Одобрено као **Патент Број 51656** у Регистру патената од **21.07.2011**.
3. Александар Нешић, Ивана Радновић, **Душан Нешић**, "Антена са хоризонталном поларизацијом и кружним дијаграмом зрачења", Одобрено као **Патент Број 52611** у Регистру патената од **30.01.2013**.

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1. A. Nestic, S. Jovanovic, I. Radnovic, **D. Nestic**, "Integrated Uniplanar Microwave Part of Transmitter-Receiver with Active Antennas", *Electronics Letters*, 31, 21, pp. 1846-1847, **1995**
2. **D. Nestic**, M. Smiljanic, "Characteristics of an Avalanche Photodiode with a Spherical Contact Surface", *Semicond. Sci. Technol.* 12, pp. 1003-1009, **1997**
3. **D. Nestic** and A. Nestic, "Band-stop microstrip PBG filter with sinusoidal variation of the characteristic impedance and without etching in the ground plane", *Microwave Opt. Technol. Lett.* Vol.29, no.6, 418-420, **2001**
4. **D. Nestic**, "A New Type of Slow-Wave 1-D PBG Microstrip structure without etching in the ground plane for filter and other applications", *Microwave Optical Technology Letters*, 33, 6, June 20, pp. 440-443, **2002**
5. **D. Nestic**, "A new type of slow-wave 1D PBG microstrip band-pass filter", *Microwave Optical Tech. Letter*, vol. 37, no. 5, pp 201-203, **2003**
6. A. Nestic and **D. Nestic**, "Omnidirectional uniplanar electromagnetically coupled antenna array", *Microwave Optical Tech. Letter*, vol.40, no.6, 516-518, **2004**
7. **D. Nestic**, "Compact one-cell EBG (or PBG) microstrip matching line", *Microwave Optical Technology Letters*, Vol.44, no.4, 363-365, **2005**
8. **D. Nestic**, "Slow-Wave EBG Microstrip Rat-Race Hybrid Ring", *Electronics Letters*, vol.41, no.21, pp.1181-1183, **2005**
9. **D. Nestic**, "Miniature compact microstrip rat-race hybrid ring with continuous suppression of higher harmonics", *Journal of Optoelectronics and Advanced Materials*, Vol. 8, No. 4, pp. 1627 - 1630, **2006**
10. A. Nestic, Z. Micic, S. Jovanovic, I. Radnovic and **D. Nestic**, "Millimeter-Wave Printed Antenna Arrays for Covering Various Sector Widths", *Antenna Designer's Notebook, IEEE Antenna and Propagation Magazine*, Vol.49, No.1, pp.113-118, **2007**

11. **D. Nestic**, B. Kolundzija, " A trapezoidal microstrip bandstop filter with efficient suppression of undesired stopbands", *Optoelectronics and Advanced Materials - Rapid Communications*, vol.4., Iss..4, (39), 601-603, **2010**
12. **D. Nestic**, I. Jokic, M. Frantlovic, M. Sarajlic, "Wide Band-stop Microwave Filter on High-resistivity Silicon", *MIDEM*, vol.42., No..4, 282-286, **2012**
13. A. Nestic, **D. Nestic**, "Printed Planar 8 x8 Array Antenna with Circular Polarization for Millimeter-Wave Application", *IEEE Antenna Wireless Propagation Letters*, vol. 11, pp. 744-747, **2012**
14. A. Nestic, I. Radnovic, M. Milijic, Z. Micic, **D. Nestic**, "Cylindrical-parabolic Reflector with Printed Antenna Structures", *MIDEM*, vol.43., No..2, 97-102, **2013**
15. **D. Nestic**, B. Kolundzija, D. Tosic and D. Jeremic "Low-pass filter with deep and wide stop band and controllable rejection bandwidth", *International Journal of Microwave and Wireless Technologies*, Vol. 7, Iss. 02 / April 2015, pp 141-149

Saopštenja:

1. **D. Nestic**, A.Nestic, V.Brankovic, D.Krupežanin, M.Ratni, "Broadband Printed High Gain Antenna with Wide Radiation in Azimuth", *IEEE-Antenna Propagation Symposium-2001*, Session 47, Boston, **2001**
2. **D. Nestic**, A.Nestic, "1-D Microstrip PBG Filters without Etching in the Ground Plane and with Sinusoidal Variation of the Characteristic Impedance", *31st European Microwave Conference*, EuMC 20, London, **2001**
3. **D. Nestic**, A. Nestic, " A New Type Of Printed Antenna With Pure Omnidirectional Pattern and Vertical Polarization", *JINA 2002*, **2002**
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5. A. Nestic and **D. Nestic**, "A new class of printed antenna array", *11th MICROCOLL*, pp.263-266, **2003**
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7. A. Nestic, Z. Micic, S. Jovanovic, I. Radnovic and **D. Nestic**, " Millimeter Wave Corner Reflector Antenna Array", *35th European Microwave Conference - Paris*, 2005, pp. 1871-1874, **2005**
8. **D. Nestic**, B. Kolundzija, " EBG band-stop filter with suppression of 3 spurious stop-bands", *IWAT 2010*, Lisabon, **2010**
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