

## Adam Kusiek

Lista publikacji  
z dnia 30 października 2010

### Publikacje w czasopismach

1. Kusiek A., Mazur J., **Application of hybrid finite-difference mode-matching method to analysis of structures loaded with axially-symmetrical posts**, *Microwave and Optical Technology Letters*, (w druku)
2. Kusiek A., Mazur J., **Hybrid finite-difference/mode-matching method for analysis of scattering from arbitrary configuration of rotationally-symmetrical posts**, *Progress In Electromagnetics Research*, (w druku)
3. Kusiek A., Marynowski W., Mazur J., 2010, **Design of a broadband microstrip crossover for ultra-wideband applications**, *Microwave and Optical Technology Letters* 52(5):1100-1104
4. Kusiek A., Mazur J., 2010, **Application of a hybrid finite difference-mode matching method to the analysis of circular cavities loaded with cylindrical metallic objects**, *AEU International Journal of Electronics and Communications* 64(11): 1024-1030
5. Kusiek A., Mazur J., 2009, **Analysis of scattering from arbitrary configuration of cylindrical objects using hybrid finite-difference mode-matching method**, *Progress In Electromagnetics Research* 97:105-127
6. Marynowski W., Kusiek A., Mazur J., 2009, **Microstrip four-port circulator using a ferrite coupled line section**, *AEU International Journal of Electronics and Communications* 63(9): 801-808
7. Kusiek A., Kowalczyk P., Mazur J., 2008, **Analysis of scattering from arbitrary configuration of elliptical obstacles using T-matrix representation**, *IET Microwaves, Antennas and Propagation* 2(5): 434-441
8. Kusiek A., Lech R., Mazur J., 2008, **A new hybrid method for analysis of scattering from arbitrary configuration of cylindrical objects**, *IEEE Transactions on Antennas and Propagation* 56(6): 1725-1733
9. Kusiek A., Marynowski W., Mazur J., 2007, **Investigations of the circulation effects in the structure using ferrite coupled slot-line section**, *Microwave and Optical Technology Letters* 49(3): 692-696

### Wystąpienia konferencyjne

1. Kusiek A., Lech R., Mazur J., **Application of hybrid approach to the analysis of resonators loaded with axially symmetrical posts**, 18th International Conference on Microwave, Radar and Wireless Communications (MIKON), 2010
2. Lech R., Kusiek A., Mazur J., **Tuning Properties of Irregular Posts in Waveguide Junction – Tunable Filter Application**, 18th International Conference on Microwave, Radar and Wireless Communications (MIKON), 2010
3. Sorokosz L., Zieniutycz W., Lech R., Kusiek A., **Parametric Study of Radiation from Circumferential Slots on a Conducting Cylinder**, 15th Conference on Microwave Techniques (COMITE), 2010
4. Kusiek A., Lech R., Mazur J., **Analysis of waveguide junctions containing axially-symmetrical posts using hybrid finite-difference mode-matching technique**, 15th Conference on Microwave Techniques (COMITE), 2010
5. Lech R., Kusiek A., Mazur J., **Analysis of circular cavity with tunable combline resonator**, 15th Conference on Microwave Techniques (COMITE), 2010
6. Kusiek A., Lech R., Mazur J., **Analysis of scattering from arbitrary configuration of objects using hybrid finite-difference method**, 4th Management Committee/Working Group Meeting and Workshop, 2010
7. Lech R., Kusiek A., Mazur J., **Tunable Filter Structure – Analysis and Design**, International Symposium on Antennas and Propagation (ISAP), 2009

8. **Kusiek A.**, Lech R., Mazur J., *Tunable resonant circular cavity loaded with a set of cylindrical objects of arbitrary cross-section*, International Symposium on Antennas and Propagation (ISAP), 2009
9. **Kusiek A.**, Lech R., Mazur J., *Periodic array of conducting ellipses as a frequency selective surface for polarization rotator*, Metamaterials, 2008
10. Lech R., **Kusiek A.**, Mazur J., *Electromagnetic curtain effect of multilayered periodic structures*, Metamaterials, 2008
11. Marynowski W., **Kusiek A.**, Walesieniuk A., Mazur J., *Investigations of broadband multilayered coupled line couplers*, 14th Conference on Microwave Technique (COMITE), 2008
12. **Kusiek A.**, Kowalczyk P., Mazur J., *Combined approach to analysis of resonators containing elliptical obstacles*, 17th International Conference on Microwaves, Radar and Wireless Communications (MIKON), 2008
13. Marynowski W., **Kusiek A.**, Mazur J., *Investigations of the Isolators Containing Microstrip FCL Section*, 17th International Conference Brno Radioelektronika, 2007
14. **Kusiek A.**, Kowalczyk P., Mazur J., *Investigations of Scattering from Arbitrary Configuration of Elliptical Obstacles*, 17th International Conference Radioelektronika, 2007
15. **Kusiek A.**, Marynowski W., Mazur J., *The investigations of influence of isotropic coupling between ferrite coupled slot-lines on parameters of FCSL circulator*, 16th International Conference On Microwaves, Radar And Wireless Communications (MIKON), 2006
16. Marynowski W., **Kusiek A.**, Mazur J., *Microstrip Ferrite Coupled Line Isolators*, 16th International Conference On Microwaves, Radar And Wireless Communications (MIKON), 2006
17. **Kusiek A.**, *Badania cyrkulatora wykorzystującego sekcję ferrytowych sprzężonych linii szczelinowych (FSL)*, Krajowa Konferencja Technologii Informatycznych (KKTi), 2005

#### Zgłoszenia patentowe

1. **Kusiek A.**, Marynowski W., Mazur J., *Sprzęgacz mikrofalowy*, numer zgłoszenia: 384867, data zgłoszenia: 07.04.2008