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**Conf. Univ. Dr. Ing. Barna Cornel**

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2. **Cornel Barna**, et. al., *Sisteme de determinare automată a forţei H la vagoane,* Infotec Cluj Napoca 1988
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6. **Cornel Barna**, V.Bălaş, S.Bălaş, *The estimation of vegetation stage of greenhouse plants by fuzzy fusioned sensors of images and CO2,* Sesiunea de comunicari, Arad, 2004, Analele UAV 2004 seria Textile, pag.530-535, ISSN: 1582-3431
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13. **Cornel Barna**, *A testing method for PIR detectors system,* Full Text Edited by: Mohammadian, M, Conference: International Conference on Computational Intelligence for Modelling, Control and Automation/International Conference on Intelligent Agents Web Technologies and International Commerce Location: Vienna, AUSTRIA Date: NOV 28-30, 2005, Sponsor(s): IEEE Computat Intelligence Soc; European Soc Fuzzy Log & Technol; European Neural Network Soc; Int Assoc Fuzzy Set Management & Econ; Japan Soc Fuzzy Theory & Intelligent Informat; Taiwan Fuzzy Syst Assoc; World Wide Web Business Intelligence; Hungarian Fuzzy Assoc; Univ Canberra INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE FOR MODELLING, CONTROL & AUTOMATION JOINTLY WITH INTERNATIONAL CONFERENCE ON INTELLIGENT AGENTS, WEB TECHNOLOGIES & INTERNET COMMERCE, VOL 2, PROCEEDINGS  Pages: 995-998   Published: 2006, **WOS:000239915100164**
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15. **Cornel Barna**, *A granular-based method for position and reliability estimation in alarm systems,* IEEE 3-rd International Conference in Mecatronics ICM 2006, Budapesta Ungaria pag.410-413, ISBN: 1-4244-9713-4,
16. **Cornel Barna**, *Measuring Feature uncertainty by using similarity* 7-th WSEAS Conference on Fuzzy Systems 2006, Dubrovnik, Croatia, pag.39-42, ISBN: 960-8457-46-7
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4. **Cornel Barna***, Information fusion method for outdoor alarm system,* INES 2007 IEEE 11-th International Conf. on Intelligent Engineering System pag.111-114 ISBN: 1-4244-1148-3
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6. **Cornel Barna**,T.Patrusel,E.Roventa, *Some aspects about 3D objects recognition and distance approximation*, Conti 2008 8-th International Conference on Tehnical Informatics Timisoara Romania vol.2 pag.129-134 ISSN:1844-539X
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2. Patrusel, Traian; Roventa, Eugene; **Barna, Cornel,**  *Some aspects about 3D objects recognition and distance approximation*, Conference: 3rd International Workshop on Soft Computing Applications Location: Szeged, HUNGARY Date: JUL 29-AUG 01, 2009, Sponsor(s): IEEE Computat Intelligence Soc; IEEE Hungary Sect; EUROFUSE; Hungarian Fuzzy Assoc; BMT Resources; Grupul Scolar Transporturi Auto, Henri Coanda Arad, SOFA 2009: 3RD INTERNATIONAL WORKSHOP ON SOFT COMPUTING APPLICATIONS, PROCEEDINGS  Pages: 53-58  Published: 2009, **WOS:000275159600010**

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