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*Emil Oanță, Ioan Odăgescu, Ilie Tamaș - "Management Instruments which Use Probabilistic Approaches. Case studies", The 11<sup>th</sup> World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI2007 - The 3<sup>rd</sup> International Symposium on Management, Engineering and Informatics: MEI2007, Organised by the International Institute of Informatics and Systemics, July 8-11, 2007, Orlando, Florida, USA*

*Emil Oanță - "Virtual Reality Original Instrument Employed in Crises Management", Proceedings of the 12<sup>th</sup> International Congress of the International Maritime Association of the Mediterranean (IMAM2007), Varna, Bulgaria, 2-6 September 2007, Maritime Industry, Ocean Engineering and Coastal Resources – Editors: Guedes Soares & Kolev, 2008 Taylor & Francis Group, London, ISBN 978-0-415-45523-7, pag. 1095-1102*

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## Contracte de cercetare științifică

“Studii avansate de elasticitate aplicata din perspectiva multidisciplinara, asistate de calculator”; Director de proiect; Contract de cercetare stiintifica cu CNCSIS - ID1223; 2007; Oanta Emil, Panait Cornel, Nicolescu Bogdan, Dinu Simona, Pescaru Alexandru, Nita Alexandra, Gavrilă Gabriela

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Certificare - <http://www.geocities.com/eoanta/20050629Research-VUB-1.gif>

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“Analiza si evaluarea comportarii post-elastice a structurilor, pana in stadiul final, cu evidentierea rezervelor de rezistenta in mecanica si constructii”; Realizator unic de subtema; Contract de cercetare cu Ministerul Cercetarii; Ieremia Mircea, Kumbetlian Garabet, Oanta Emil

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“Determinari tensometrice si interpretarea rezultatelor pentru piesele speciale ale navei proiect 1316”; Unic realizator; Contract de cercetare stiintifica cu UM02190 – Centrul de cercetari al marinei militare; Kumbetlian Garabet, Oanta Emil

	<p>“Studiul regimului deformant in sisteme electrice de putere finita. Analiza regimului deformant in sisteme simulate in laborator” – Etapa “Metode de instruire practica a personalului navigant. Standuri specializate”; Realizator unic al problemelor de analiza numerica si inginerie asistata de calculator; Contract nr 1546 cu Ministerul Cercetarii</p> <p>“Analiza experimentală și teoretică a starilor de tensiuni în punctele periculoase ale inelului de compensare din jurul racordului R12 al vasului separator de gazolinare nr. De fabricație 31404/1985, de la terminal Midia”; Membru în echipa de cercetare; Contract de cercetare cu Petromar SA; Kumbetlian Garabet, Peride Nicolae, Oanta Emil, Neamtu Laurentiu</p>
Domenii de competență	<p>Rezistența Materialelor și Teoria Elasticității</p> <p>Mecanica Experimentală</p> <p>Metode Numerice</p> <p>Programarea Aplicațiilor de Inginerie Asistată de Calculator</p> <p>Realitate Virtuală</p>
Afilieri societăți profesionale științifice	<p>Membru al Asociației Române de Tensometrie</p> <p>Membru al Asociației Inginerilor din România</p> <p>Membru al Societății de Inginerie Asistată de Calculator</p> <p>Membru ASME</p> <p>Membru SAE</p> <p>Membru IHIQS - <a href="http://www.ighiqsociety.org/member_webpages/eoanta">http://www.ighiqsociety.org/member_webpages/eoanta</a></p>
Alte date semnificative	<p>Membru în Consiliul Profesorat al Facultății de Electromecanică Navală, 2004-</p> <p>Membru al Senatului Universității Maritime din Constanța, 2004-</p> <p>Președinte al Consiliului de Etică al Universității Maritime din Constanța 2005-</p> <p>Adjunct Șef Catedră în perioada 2007-2008</p> <p>Prorector, 2008-</p>
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