

LISTA DE LUCRĂRI**A. Teza de doctorat**

Cercetari teoretice si experimentale privind fenomenul de revenire elastică la ambutisarea pieselor cilindrice, Coordonator științific: Prof. univ. dr. ing. Constantin ISPAS, Universitatea „Politehnica” Bucuresti, 2006 – domeniul Inginerie Industrială.

B. Cărți și capitole în cărți

1. Chirita B.A., Herghelegiu E., **Radu M.C.**, Tampu N.C., *Study of quality parameters for abrasive water jet cutting of metals*. In Carou, D., Davim, J.P. (eds.) Notes for Manufacturing Instructors. Materials Forming, Machining and Tribology, Springer, Cham., pp. 221-257, Print ISBN: 978-3-031-48467-4, Online ISBN: 978-3-031-48468-1, 2024, https://doi.org/10.1007/978-3-031-48468-1_11
2. **M.C. Radu**, C. Schankovszky, E. Herghelegiu, *Aspecte privind deformarea plastică incrementală în punct a tablelor metalice*, Ed. Alma Mater, Bacă, 2021, ISBN 978-606-527-679-6
3. Cristea Ion., Tâmpu Nicolae Cătălin, **Radu Maria Crina**, *Toleranțe și control dimensional*, Ed. Alma Mater, Bacău 2020, ISBN 978-606-527-640-6
4. **Crina Radu**, Eugen Herghelegiu, Catalin Tampu, Tilemachos Koliopoulos, *Incremental sheet forming - an emerging technology with a broad applicability* (cap. 9, pp. 131-137), In: Emerging Environmental Technologies and Health Protection, Ed. Telegeco Research Center, Atena, Grecia, 2018, ISSN 2623-4874, e-ISSN 2623-4882
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6. **Crina Radu**, Ion Cristea, Eugen Herghelegiu, Cătălin Tâmpu, *Sisteme de management al calității. Cerințe. Audit*, Ed. Alma Mater, Bacău 2015, ISBN 978-606-527-483-9
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8. Brabie Ghe., Schnakovszky C., Chiriță B., **Axinte C.**, Chirilă C., *Deformarea la rece a tablelor metalice. Fenomene de instabilitate a formei și dimensiunilor piesei*, Ed. Junimea, 2005, ISBN 973-37-1098-9
9. Brabie Ghe., Schnakovszky C., Chiriță B., Chirilă C., **Axinte C.**, *Tensiuni reziduale generate de procesele de transformare a materialelor metalice*, Ed. Junimea, 2005, ISBN 973-37-1097-0

Manuale didactice

1. Cristea Ion, **Radu Maria Crina**, *Managementul calității. Note de curs și aplicații*, Ed. Alma Mater, Bacău 2014, ISBN 978-606-527-428-0
2. Cristea Ion, **Radu Crina**, Tâmpu Cătălin, *Control statistic. Note de curs și aplicații*, Ed. Alma Mater, Bacău 2012, ISBN 978-606-527-210-1
3. **Axinte Crina**, Cristea Ion, *Eco-design. Note de curs și aplicații*, Ed. Alma Mater, Bacău 2010, ISBN 978-606-527-087-9
4. **Axinte Crina**, Cristea Ion, Gherghel Mihai, *Dimensiuni, proporții, armonii și culori. Note de curs și aplicații*, Editura Alma Mater, Bacău 2010, ISBN 978-606-527-088-6
5. **Axinte Crina**, Cristea Ion, *Design de produs. Note de curs și aplicații*, Ed. Alma Mater, Bacău 2010, ISBN 978-606-527-089-3
6. **Axinte Crina**, Cristea Ion, *Elemente de design industrial. Note de curs și aplicații*, Editura Alma Mater Bacău 2007, ISBN 978-973-1833-39-2
7. Bradea Lucia, **Axinte Crina**, *Planificarea și auditul calității. Curs*, Ed. Alma Mater Bacău 2007, ISBN 978-973-1833-42-2

Îndrumare de laborator

1. **Radu Crina**, Herghelegiu Eugen, *Elemente de design. Bazele proiectării cu Solid Edge. Îndrumar de laborator*, Ed. Alma Mater, Bacău 2016, ISBN 978-606-527-482-2
2. **Radu Crina**, Herghelegiu Eugen, Cristea Ion, *Prelucrări prin deformare plastică la rece. Îndrumar pentru lucrări practice*, Ed. Alma Mater, Bacău 2015, ISBN 978-973-8392-99-1
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3. O.Ghiorghie, C.Schnakovszky, E.Herghelegiu, **M.C. Radu**, B.A. Chirita, N.C. Tampu, B.Nita, P.Radu, *Influence of the electrode material on electrical discharge machining process performance*, Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, ISSN 1582-540X, 2024, 25 (1), pp. 71 – 90, WOS: 001196254200005.
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 11. **Radu C.**, Tampu C., Cristea I., Chirita B., *The effect of residual stresses on the accuracy of parts processed by SPIF*, Materials and Manufacturing Processes, ISSN 1042-6914, 2013, vol. 28, no. 5, pp. 572-576, DOI: [10.1080/10426914.2013.763967](https://doi.org/10.1080/10426914.2013.763967), WOS:000318346700013, **Jurnal în Q2, categoria Web of Science: ENGINEERING, MANUFACTURING**
 12. **Radu C.**, *The efficiency of two optimization methods in improving the accuracy of sheet metal formed parts*, Journal of Engineering Technology, ISSN 0747-9964, 2012, vol. 29, no. 1, pp. 20-30, WOS:000315244400003
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 21. Lungu D., Schnakovszky C., Acsinte A., Herghelegiu E., **Radu C.**, *Study on the influence of welder's fatigue on the quality of weld lines*, Journal of Engineering Studies and Research, ISSN 2068-7559, 2020, vol. 26, nr. 3, pp. 107-111, DOI: <https://doi.org/10.29081/jesr.v26i3.212> (BD: Index Copernicus, CSA, VINITI, ERIH PLUS, Google Academic, Publons etc.)
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