

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. Eugen Herghelegiu, Ionel-Crinel Raveica, **Maria-Crina Radu**, Ionel Olaru, Elemente de grafică asistată în Onshape. Volumul II: Fundamentele modelării 3D, Ed. Alma Mater, Bacău 2026, ISBN 978-606-527-744-1; 978-606-527-746-5
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3. 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
4. **M.C. Radu**, C. Schankovszky, E. Herghelegiu, *Aspecte privind deformarea plastică incrementală în punct a tablelor metalice*, Ed. Alma Mater, Bacău, 2021, ISBN 978-606-527-679-6
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7. Tilemachos K. Koliopoulos, Vicky Katsoni, **Crina Radu**, *Information tools for health tourism's sustainability and safe mobility*, In: Emerging Environmental Technologies and Health Protection (cap.10, pp. 138-146), Ed. Telegeco Research Center, Atena, Grecia, 2018, ISSN 2623-4874, e-ISSN 2623-4882
8. **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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10. 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
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Manuale didactice

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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
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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. Eugen Herghelegiu, **Maria-Crina Radu**, Ionel-Crinel Raveica, Ionel Olaru, *Fabricație virtuală. Îndrumar aplicații practice*, Ed. Alma Mater, Bacău 2026, ISBN 978-606-527-748-9
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7. 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.
 8. V.A. Ciubotariu, **M.C. Radu**, E. Herghelegiu, V. Zichil, C.C. Grigoras, E. Nechita, *Structural and behaviour optimization of tubular structures made of tailorwelded blanks by applying Taguchi and genetic algorithms methods*, Applied Sciences-Basel, 2022, vol. 12, nr. 13, 6794, DOI:[10.3390/app12136794](https://doi.org/10.3390/app12136794), WOS:000825558800001, **Jurnal în Q2, categoria Web of Science: ENGINEERING, MULTIDISCIPLINARY – SCIE**
 9. **Radu M.C.**, Schnakovszky C., Herghelegiu E., Ciubotariu V.A., Cristea I., *The impact of the COVID-19 pandemic on the quality of educational process: A Student Survey*, International Journal of Environmental Research and Public Health, ISSN 1661-7827, 2020, vol. 17, 7770, DOI: [10.3390/ijerph17217770](https://doi.org/10.3390/ijerph17217770), WOS:000588980300001, **Jurnal în Q1, categoria Web of Science: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH**
 10. **Radu M.C.**, Tampu R., Nedeff V., Patriciu O.I., Schnakovszky C., Herghelegiu E., *Experimental investigation of stability of vegetable oils used as dielectric fluids for electrical discharge machining*, Processes, ISSN 2227-9717, 2020, vol. 8, no. 9, 1187, DOI:[10.3390/pr8091187](https://doi.org/10.3390/pr8091187), WOS:000581713800001, **Jurnal în Q2, categoria Web of Science: ENGINEERING, CHEMICAL**
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