

Lista de lucrări

1. **Șoaita D., Chețan P.**, *Techniques CAD-CAM for Cloaks Surfaces Generation*, Proceedings of the International Conference On Manufacturing Systems, ICMaS 2004, Bucharest, Romanian Journal of Technical Sciences, Applied Mechanics, Tome 49, Special Number 2004, ISSN 0035-4074, ISBN 973-27-1102-7, pag 611-614, Editura Academiei Române, București, 2004
2. **Chețan P., Boloș V.**, *Considerations regarding technical conditions imposed to the execution of headlamps used in automotive industry*, Annals of MTeM for 2009& Proceedings of the 9th International MTeM Conference, ISBN 973-7937-07-01
3. **Chețan P.** *Studies regarding the parametrical influences of a cam process on mould's core surface*, METALURGIA INTERNATIONAL vol. XV (2010), Special Issue no. 7 ISSN 1582-2214
4. **Chețan P., Boloș V.**, *The influence of the tool path regarding the roughness resulted from the milling process of the complex surfaces*, Annals of MTeM for 2011 & Proceedings of the 10th International MTeM Conference, ISBN 978-606-8372-02-0
5. **Chețan P., Boloș V.**, *Research on roughness resulted through milling of the surfaces with cbn tools*, THE 5th INTERNATIONAL CONFERENCE ON INTERDISCIPLINARITY IN ENGINEERING 2011, Tîrgu Mureș, România ISSN 2285 – 0945 ISSN-L 2285 – 0945
6. **Chețan P., Boloș V.**, *Influence of heat treatment on quality of milled surface*, THE 6th INTERNATIONAL CONFERENCE ON INTERDISCIPLINARITY IN ENGINEERING 2012, Tîrgu Mureș, România ISSN 2285 – 0945 ISSN-L 2285 – 0945
7. **Chețan P., Boloș V.**, *Modeling of undetached chip shape on finishing processing toolpath* Scientific Bulletin of the „Petru Maior” University of Tîrgu Mureș Vol. 10 (XXVII) no. 1, 2013 ISSN-L 1841-9267 (Print), ISSN 2285-438X (Online), ISSN 2286-3184 (CD-ROM)
8. **Chețan P., Boloș V., Pozdîrcă A.**, *Influence of plane-parallel finishing trajectories to the roughness obtained by milling of spherical surfaces*, PROCEDIA TECHNOLOGY, 2014, Vol. 12, ISSN/ ISBN 2212-0173,8(2013) pag. 420-426.
9. **Chețan P., Boloș V., Pozdîrcă A., Peterlicean A.**, *Influence of radial finishing trajectories to the roughness obtained by milling of spherical surfaces*, PROCEDIA TECHNOLOGY, 2014, Vol. 12, ISSN/ ISBN 2212-0173,8(2013) pag. 411-419.
10. **Mocian I., Chetan P.**, *Aspects of building parts from plastic materials that contain threads*, Annals of MTeM for 2009& Proceedings of the 9th International MTeM Conference, ISBN 973-7937-07-01
11. **Chetan P., Șoaita D.**, *Tehnici CAD-CAM pentru prelucrarea suprafețelor ascunse*. In: Buletinul științific al Universității “Petru Maior” Tg.Mureș, Vol.XV-XVI ISSNXXXX-XXX, 2002-2003, pag 25-31.

12. Strnad G., Chețan P., *Novel coatings for high performance cutting and dry machining,* THE 6th INTERNATIONAL CONFERENCE ON INTERDISCIPLINARITY IN ENGINEERING 2012, Tîrgu Mureș, România ISSN 2285 – 0945 ISSN-L 2285 – 0945

Teza de doctorat

Cercetări privind tehnologia de finisare prin frezare a suprafețelor sculpturale specifice miezurilor matrițelor de injecție pentru proiectoarele farurilor din industria auto-moto

Anul susținerii: 2013

Conducător: Prof. Dr. Ing. Vasile BOLOȘ

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Brevete de invenție

Metoda de prelucrare a melcilor

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Număr brevet / nr CBI OSIM: **A/00447/2012**

Cărți publicate

Pozdîrcă A., Albert K., Chetan P., *Inventor – Modelare parametrică*, Editura Universității „Petru Maior” din Tg-Mureș, 2004, ISBN 973-7794-15-X, 82 pg.