

Nguyen Van Tuong
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Faculty of Mechanical Engineering
Nha Trang University,
02 Nguyen Dinh Chieu St.,
Nha Trang city, Vietnam

EDUCATION

Technical University of Liberec, Liberec, Czech Republic

Ph.D. in Manufacturing Engineering, 2006-2009

Nha Trang University, Nha Trang, Vietnam

M.Eng. in Mechanical Engineering, 1998 – 2001

B.Eng. in Manufacturing Engineering, 1996-1998

B.Eng. in Marine Engineering, 1991-1996

RESEARCH INTERESTS

1. Modelling and machining free-form surface
2. Design and manufacture of implants
3. Design and manufacture of fish processing equipment

TEACHING RESPONSIBILITY

Undergraduate

1. CAD/CAM
2. Fundamentals of Manufacturing Engineering
3. Machining Processes
4. Introduction to Engineering

Graduate

1. Advanced Manufacturing Technology
2. Advanced CAD/CAM/CNC
3. Advanced Machining Processes

PUBLICATIONS and PRESENTATIONS

Books and book chapters

1. Dang Van Nghin, Pham Ngoc Tuan, Thai Thi Thu Ha, Le Trung Thuc, Nguyen Van Giap, Nguyen Van Tuong, Machining Processes, Publisher of Vietnam National University of Ho Chi Minh City, 2001. (in Vietnamese)
2. Pham Ngoc Tuan, Nguyen Van Tuong, Nontraditional Machining Processes, Publisher of Vietnam National University of Ho Chi Minh City, 2007.
3. Nguyen Van Tuong, Premysl Pokorny, A Case Study of Modeling Concave Globoidal Cam, In: Advanced Technologies, Edited by Kankesu Jayanthakumaran, In-Tech, Austria. 2009.
4. Nguyen Van Tuong, Machine Tool, Civil Engineering Publishing House, Ha Noi, 2012. (in Vietnamese)
5. Nguyen Van Tuong, Virtual Operation of Mills and Lathes CNC, Science and Engineering Publishing House, Ha Noi, 2013. (in Vietnamese)
6. Phạm Ngoc Tuan, Ho Thi Thu Nga, Do Thi Ngoc Khanh, Tran Dai Nguyen, Nguyen Van Tuong, Introduction to Engineering, Publisher of Vietnam National University of Ho Chi Minh City, 2014. (in Vietnamese)

Journals

1. Nguyen Van Tuong, Premysl Pokorny, Modeling concave globoidal cam with Indexing turret follower: A case study, International Journal of Computer Integrated Manufacturing, 2009, 22 (10), 941-947.
2. Nguyen Van Tuong, Premysl Pokorny, Virtual animation for checking interference of globoidal cam, Modern Machinery Science Journal, 2009, 3.
3. Nguyen Van Tuong, Premysl Pokorny, A practical approach for parttioning freeform surfaces, International Journal of Computer Intergrated Manufacturing, 2010, 23(11), 902 – 1001.
4. Nguyen Van Tuong, Development virtual machine for Bridgeport VMC 2216 XV, Journal of Fisheries Science and Technology, Nha Trang University, 2012, 2, 94-97.
5. Nguyen Van Tuong.. Developing some tutorials on the virtual operation of CNC lathes and mills, Journal of Fisheries Science and Technology, Nha Trang University, 2012, 3, 65-69.
6. Natała Náprstková, Jaromír Cais, Pavel Kraus, Tuong Nguyen Van, 2016. Tool wear evaluation of selected inserts after turning by electron microscopy. Manufacturing Technology, 16(5), 1073-1078.

Presentations

1. Nguyen Van Tuong, Modelling of globoidal cam, VinaManufacturing 2008.

2. Nguyen Van Tuong, Modelling and animation of indexing globoidal, VinaManufacturing 2008.
3. C.H Le, M.I Okereke, V.H Nguyen, V.D Dao, N Zlatov, V.T Nguyen, T.H Le, Personalised Medical Product Development: Methods, Challenges and Opportunities. Proceedings of International Conference On Innovations, Recent Trends And Challenges In Mechatronics, Mechanical Engineering And New High-Tech Products Development, Rumania, 2011.
4. Nguyen Van Tuong, Surface partitioning and surface patch boundaries definition. Proceedings of 3rd National Conference on Mechanical Science And Technology, Ha Noi, 2013.
5. Nguyen Van Tuong, Manufacture low cost 3D laser scanner, Proceedings of 3rd National Conference on Mechanical Science And Technology, Ha Noi 2013.
6. Pham Ngoc Tuan, Cao Le Bach, Nguyen Van Tuong, Tran Nguyen Thanh Binh, The 3D data identifying and processing software for shoe parts, Proceedings of 3rd National Conference on Mechanical Science And Technology, Ha Noi, 2013.
7. Pham Ngoc Tuan, Nguyen Van Tuong, Cao Le Bach, Le Dinh Can, Tran Nguyen Thanh Binh. The 3D data identifying and processing machine for shoe parts, Proceedings of 3rd National Conference on Mechanical Science And Technology, Ha Noi, 2013.
8. Pham Ngoc Tuan, Nguyen Van Tuong, Ha Quang Dung, Tran Van Linh. Automatic abrasion device for shoes, Proceedings of 3rd National Conference on Mechanical Science and Technology, Ha Noi, 2013.
9. Pham Ngoc Tuan, Nguyen Van Tuong, Ha Quang Dung, Tran Quang Chieu. Automatic glue device for shoes, Proceedings of 3rd National Conference on Mechanical Science And Technology, Ha Noi, 2013.
10. Pham Ngoc Tuan, Nguyen Van Tuong, Cao Van Dang, Nguyen Tinh. The mobile based vending machine, 3rd National Conference on Mechanical Science and Technology, Ha Noi, 2013.
11. Pham Ngoc Tuan, Nguyen Van Tuong, Design of total hip for pigs, Proceedings of NCOMM, 2015, 424-432.
12. Pham Ngoc Tuan, Nguyen Van Tuong, Design of femoral broaches for broaching the femoral modularly canals of the pig hip joints, Proceedings of NCOMM, 2015, 565-573.
13. Pham Ngoc Tuan, Nguyen Van Tuong, Design of acetabular reamers for reaming pig acetabulums, Proceedings of NCOMM, 2015, 1010-1018.
14. Pham Ngoc Tuan, Nguyen Van Tuong, Determination of dimensions and boundaries of pig hip joints from digital x-ray films, Proceedings of NCOMM, 2015, 454-463.
15. Pham Ngoc Tuan, Nguyen Van Tuong, Phan Phuong Trinh, Measuring Geometric Parameters of Proximal Femur by Using Reverse Engineering, Proceedings of 5th

World Conference on Applied Sciences, Engineering & Technology, HCMUT, Vietnam, 2015, 162-166.

16. Pham Ngoc Tuan, Nguyen Van Tuong, Phan Phuong Trinh, Design of Femoral Head in Total Hip for Vietnamese Patients, Proceedings of 5th World Conference on Applied Sciences, Engineering & Technology, HCMUT, Vietnam, 2015, 183-188.
17. Pham Ngoc Tuan, Nguyen Van Tuong, Surface roughness measurement of the femoral head of total hip implant, Proceedings of 4th National Conference on Mechanical Science and Technology, Ho Chi Minh City, 2015.
18. Pham Ngoc Tuan, Nguyen Van Tuong, design of acetabular liner in total hip for vietnamese patients, Proceedings of 4th National Conference on Mechanical Science and Technology, Ho Chi Minh City, 2015.
19. Pham Ngoc Tuan, Nguyen Van Tuong, Design of acetabular shell in total hip for vietnamese patients, Proceedings of International Symposium International Symposium on Advanced Manufacturing Technology & Applied Energy, Industrial University of Ho Chi Minh City, Vietnam, 2016, 480-485.
20. Pham Ngoc Tuan, Nguyen Van Tuong, Design of femoral stem in total hip for vietnamese patients, Proceedings of International Symposium on Advanced Manufacturing Technology & Applied Energy, Industrial University of Ho Chi Minh City, Vietnam, 2016, 486-493.

PROFESSIONAL MEMBERSHIPS

Vice-head of Khanh Hoa Association of Mechanical Engineering, from 2016

Chairman of NCOMM, 2015, Ho Chi Minh City University of Technology, Vietnam