

REFERENCES

1. Woo, T.C., 1982. Feature extraction by volume decomposition. TR82-4, Department of Industrial and Operations Engineering, University of Michigan.
2. Pande, S.S. and Prabhu, B.S, 1990. An expert system for automatic extraction of machining features and tooling selection for automats, *Computer Aided Engineering Journal*, 7(4), 99-103.
3. Kruth, J.P., Van Zeir, G. and Detand, J., 1996. Extracting process planning information from various wireframe and feature based CAD systems. *Computers Industry*, 30, 145-162.
4. Zuraini and Habibollah, 2008. Framework in determining machining parameter based on features extraction from DXF file, *Proceedings of the 4th IMT-GT conference on mathematics, statistics and applications (ICMSA)*, Syiah Kuala University, Banda Aceh Indonesia.
5. Kumar, A. and Saha, J., 2008. Automatic data extraction from ISO10303-21 (STEP) for feature recognition. *Arab Research Institute in Sciences and Engineering*, 4(3), 129-136.
6. Srikanth, P., Rao, C.S.P and Ranga Janardhan, G., 2009. Algorithms for design feature data extraction from DXF files, *International Journal of Applied Engineering Research*, 4(7), 1185-1195.
7. Mohammad Faizal, AB., Jabal Mohd and Shafry Mohd Rahim, 2009. Computer Aided Design Data Extraction Approach to Identify Product Information, *Journal of Computer Science*, 5(9), 624-629.
8. Hsu-Pin, Wang and Ching Ann, Lin, 1987. Automated Generation of NC part programs for turned parts based on 2D drawing files, *International Journal of Advanced Manufacturing Technology*, 2(3), 23-35.

9. Srinivasa kumar, S., Madurai and Li Lin, 1992. Ruled based automatic part feature extraction and recognition from CAD data, *Computers Ind. Engineering*, 22(1), 49-62.
10. Seker, U. and Aslan, E., 1995. NEU-A feature recognition method for defining machinable segments of a part for jigs and fixture design, *International Congress gear Transmissions*, Sofia Bulgaria, 95, 157-160.
11. Wang, T.N. and Wong, K.W. 1995. A feature based design system for computer aided process planning. *Journal of Material Processing Technology*, 52, 122-132.
12. Sabourin, L. and Villeneuve, F., 1996, Omega, an expert CAPP system, *Advances in Engineering Software*, 25, 51-59.
13. Jung, M.Y., and Lee, K.H., 1996, A CAD/CAPP interface for complex rotationally symmetric parts, *International Journal of Production Research*, 34(1), 227-251.
14. Fuh, J.Y.H., Chang, C.H. and Melkanoff, M.A., 1996, The development of an integrated and intelligent CAD/CAPP/CAFP environment using logic based reasoning, *Computer Aided Design*, 28,217-232.
15. Yang, M.Y. and Lee, S.C., 1998. A feature modification framework for the generation of alternative process plans, *International Journal of Production research*. 36(7), 1825-1840.
16. Ganesan, R and Devarajan,V., 1998. Intersecting features extraction from 2D orthographic projections, *Computer Aided Design*, 30(11), 863-873.
17. Gao, S and Shah, J.J., 1998, Automatic recognition of interacting machining features based on minimal condition sub graph, *Computer Aided Design*, 30, 727-739.
18. Jiang, B., Lau, H., Chan, F.T.S and Jiang, H., 1999, An automatic process planning system for the quick generation of manufacturing process plans directly from CAD drawings, *Journal of Material Process Technology*, 87, 97-106.

19. Bhandarkar, M.P and Nagi, R., 2000. STEP based feature extraction from STEP geometry for agile manufacturing, *Computers in Industry*, 41, 3-24.
20. Saad, M.A.S and Khalil, A.A., 2001. Automatic recognition of turning features using 2Ddrawing files, *JSME International Journal*, 44(2), 527-533.
21. Nagraj, H.S., Gurumoorthy, B., 2002. Machinable volume extraction for automatic process planning, *IIE Transactions*, 34, 393-410.
22. Saravanan,R., Siva Sankar,R. Asokan,P. Vijayakumar,K and Prabharan, G., 2005. Optimization of cutting conditions during continuous finished profile machining using non-traditional techniques, *International Journal of Advanced Manufacturing Technology*, 26, 30-40.
23. Ong, S.K. and Li, W.D. and Nee, A.Y.C., 2003. STEP based integration of feature recognition and design by feature for manufacturing applications in a concurrent engineering environment, *International Journal of Computer Applications in Technology*, 18(1-4), 78-92.
24. Fu, M.W., Ong,S.K., Lu,W.F., Lee,I.B.H. and Nee, A.Y.C., 2003, An approach to identify design and manufacturing features from a data exchanged part model, *Computer Aided Design*, 35(11), 979-993.
25. Kingsly, D. Singhy,J. and Jebarajz, C., 2005. Feature based design for process planning of machining processes with optimization using genetic algorithms , *International Journal of Production Research*, 43(18), 3855-3887.
26. Amaitik, S.M. and Kilic, S.E., 2005. STEP based feature modeler for computer aided process planning. *International Journal of Production Research*, 43(15), 3087-3101.

27. Singh, K.J.D., and Jebaraj, C., 2005, Feature based design for process planning of machining processes with optimization using genetic algorithm, *International Journal of Production Research*, 43, 3855-3887.
28. Yildiz, Y., Korkut, I., Şeker,U., 2006. Development of a Feature Based CAM System for Rotational Parts. *G.U. Journal of science* 19(1), 35-40.
29. Verma, A.K. and Sunil, Rajotia, 2008. A hint based machining feature recognition system for 2.5 D parts, *International Journal production Research*, 46(6), 1515-1537.
30. Nagarajan, S. and Reddy, N. V., 2010. STEP-based automatic system for recognising design and manufacturing features. *International Journal of Production Research*, 48(1),117-144.
31. Bhandarkar, M. P., Downie, B., Hardwick, M., and Nagi, R., 2000. Migrating from IGES to STEP: one to one translation of IGES drawing to STEP drafting data. *Computers in Industry*, 261-277.
32. Prabhu, B. S., Biswas, S. and Pande, S. S., 2001. Intelligent system for extraction of product data from CADD models. *Computers in Industry*, 44, 79-95.
33. Liu, S.C., 2004. Feature extraction and classification for rotational parts taking 3D data files as input. *Journal of the Chinese Institute of Industrial Engineers*. 21(5), 432-443.
34. Abouel Nasr, E.S. and Kamrani, A.K., 2006. A new methodology for extracting manufacturing features from CAD system. *Computers & Industrial Engineering*, 51(3), 389-415.
35. Prabhu, B.S. and Pande, S.S., 1999. Automatic extraction of manufacturable features from CADD models using syntactic pattern recognition technique. *International Journal of Production Research*, 37(6), 1259-1281.

36. Arivazhagan, A., Mehta, N. K. and Jain, P. K., 2008. A STEP AP 203–214-based machinable volume identifier for identifying the finish-cut machinable volumes from rough-machined parts. *The International Journal of Advanced Manufacturing Technology*, 42(9-10), 850-872.
37. Ahmad, N. and Haque, A. F. M. A., 2001. Manufacturing feature recognition of parts using DXF files. 4th international conference on mechanical engineering, 111-115.
38. Tan, C. F., Ismail, N., Wong, S. V., Sulaiman, S., and Osman, M.R., 2005. Development of hole recognition system. *AJSTD*, 22(3), 285-295.
39. Lau, H. C. W., Lee, C. K. M., Jiang, B., Hui, I. K. and Pun, K. F., 2004. Development of a computer-integrated system to support CAD to CAPP. *The International Journal of Advanced Manufacturing Technology*, 26(9–10), 1032-1042.
40. Yildiz, Y., Korkut, I., Şeker, U., 2006. Development of a Feature Based CAM System for Rotational Parts. *G.U. Journal of science* 19(1), 35-40.
41. Masine, M.D., Tap and Abu, R., 2007. Attribute based feature recognition for machining features. *Journal Technology, university technology Malaysia*, 46, 87-103.
42. Yifei, T., Dongbo, L., Angbo, L. and Minjian, Y., 2007. A feature-extraction-based process-planning system. *International Journal of Advanced Manufacturing Technology*. 38(11-12), 1192-1200.
43. Kannan, T. R., and Shunmugam, M. S., 2009. Processing of 3D sheet metal components in STEP AP-203 format. Part I: feature recognition system. *International Journal of Production Research*, 47(4), 941-964.
44. Dimov, S. S., Brousseau, E. B. and Setchi, R., 2007. A hybrid method for feature recognition in computer-aided design models. *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, 221(1)79-96.

45. Jung Hyun Han, 1996. Survey of Feature Research. Institute for Robotics and Intelligent Systems, 1-26.
46. Kang, M., Han, J. and Moon, J. G., 2003. An approach for interlinking design and process planning. *Journal of Materials Processing Technology*, 139, 589-595.
47. Verma, A. K. and Rajotia, S., 2008. A hint-based machining feature recognition system for 2 . 5D parts. *International journal of production research*, 46(6), 1515-1537.
48. Lee, Y. C. and Fu, K.S.,1987 .Machine understanding of CSG: extraction and unification of manufacturing features. *IEEE CG&A*, 20-32.
49. Marefat, M., 1990. Geometric Reasoning for Recognition of Three-Dimensional Object Features. *IEEE transaction on pattern analysis and machine intelligence*, 12(10), 949-965.
50. Koura, M. M. , Elewa, I.M., Gadh, R., Prabhu, B.S. and Mohamed, K. A.,2002 .Feature based geometric dimension and tolerance modeling system. *International Conference on Mechanical Engineering Advanced Technology for Industrial Production*, 432-445.
51. Ibrhim, R. N. and McCormack, D., 2002. Process planning using adjacency-based feature extraction. *International Journal of Advanced Manufacturing Technology*, 20(11), 817-823.
52. Li. S. and Shah. J. J., 2007. Recognition of user-defined turning features for mill/turn parts. *Journal of Computing and Information Science in Engineering*, 7(3), 225.
53. Zhang, C., An, K. W. and Chen, Y. H., 1997. A method for recognizing feature interactions and feature components within the interactions. *International Journal of Advanced Manufacturing Technology*, 13, 713-722.
54. Zhen, R., Zhang, X., Hui Zhou, and Jie Qiu, Y., 2009. Graph and hint based algorithm for machining feature automation recognition and mapping. *Journal of Shanghai Jiao tong University (Science)*, 14(5), 574-579.

55. Sunil, V. B. and Pande, S. S., 2009. Automatic recognition of machining features using artificial neural networks. *International Journal of Advanced Manufacturing Technology*, 41(9-10), 932-947.
56. Guan, X., Meng, G. and Yuan, X., 2010. Machining feature recognition of part from STEP file based on ANN, *International conference on computer, mechatronics, control and electronic engineering (CMCE)*, 54-57.
57. Ranjan, R., Kumar, N., Pandey, R. K., and Tiwari, M. K., 2004. Automatic recognition of machining features from a solid model using the 2D feature pattern. *International Journal of Advanced Manufacturing Technology*, 26(7-8), 861-869.