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| Book Name: | [Engineering Research: Perspectives on Recent Advances](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4108** |
| Title of the Manuscript: | **Planning the Manufacturing Process Using Feature Recognition** |
| Type of the Article | **Book chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback*(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimumof 3-4 sentences may be required for this part.** | **The manuscript presents the importance of Feature-Based Modeling(FBM) in creating CNC programs needed to manufacture geometrically complex parts. It also presents a case study to comparethe time needed to create CNC program for manufacturing a specific part between the traditional work mode in Siemens NX CAM and the FBM method. Other advantageous aspects of FBM technique over the traditional programming methodshave been presented and discussed to highlight the superiority of FBM in terms of machining time, consistency, precision, quality, etc.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Since a comparison has been made between the traditional method and FBM technique in the manuscript, it is important to add some key advantageous of the new technique in the form of numbers to better justify the proposed technique.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, however, the technical specs of the milling center used for experiments need to be mentioned in the manuscript in Section 3 “Experimental”.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Some comments have been put on the manuscript to revise the wordings. |  |
| Optional/Generalcomments |  |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*** |
| **Are there ethical issues in this manuscript?** | ***(If yes, Kindly please write down the ethical issues here in details)*** |  |

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| **Reviewer Details:** | |
| **Name:** | **Saeed Assarzadeh** |
| **Department, University & Country** | **Canada** |