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| Book Name: | **Morden control theory** |
| Manuscript Number: | **Ms\_BP\_8574A.10** |
| Title of the Manuscript: | **Adaptive Control and Fuzzy Control** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments | | |
|  | Reviewer’s comment | Author’s comment *(If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)* |
| Is the manuscript important for the scientific community? Please write a few sentences explaining your answer | Yes |  |
| Is the title of the article suitable? Do you have any alternative Title in your mind? | Yes |  |
| Is the abstract of the article comprehensive? If your answer is No, please provide suggestions | Yes |  |
| Do you think the English quality of the article is suitable for scholarly communications?  If your answer is No, please provide suggestions | Yes |  |
| Please provide your comments regarding the appropriateness of different sections of the manuscript. | This chapter focuses on the theme on adaptive control and fuzzy control. The reader with an overview of adaptive control and fuzzy control analyze and design the control system on adaptive control and fuzzy control; furthermore adaptive control and fuzzy control could be briefly applied into practice. In this chapter, the relative conceptions on adaptive control and fuzzy control are narrated and explained to build relative mathematical model.  However, in the article some recent work done should be added in the field of metaheuristic optimization algorithms with fuzzy logic system, some of the recent work includes into the introduction section and discuss the how the use of fuzzy logic based control and algorithm for control system stability.  (1) DOI: 10.3390/mca27060089  (2) DOI: 10.1080/00051144.2022.2061818  (3) DOI: 10.1108/IJICC-01-2022-0011  (4) DOI: 10.1108/IJICC-09-2021-0204  (5) DOI: 10.1108/IJICC-02-2021-0024  Also conclusion/discussion should be added in last section.  However the paper can be accepted after the minor revision. |  |
| Do you think that the references in the manuscript are proper,recent and sufficient? If you have any suggestions, please write here. | No |  |

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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)* |  |
| **Reviewer Details:** | | | |
| Name: | **Himanshukumar R. Patel** | | |
| Department, University & Country | **Dharmsinh Desai University, India** | | |