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| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_** **3724.6** |
| Title of the Manuscript: | **Complemented semiring satisfying the identity u + 1 = 1 + u = u** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments | | | | |
| Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.** | **Semiring theory is one of the most developing branches of Mathematics, with wide applications in many disciplines, such as Computer science, Coding theory, and topological space. Many researchers study different structures of semirings, such as Boolean semirings, ternary semirings, complemented ternary semirings, gamma semirings, and Completed semirings.**  **In this paper, the authors have used the identity to find different structures of complemented semirings, which may be helpful for further research to others.** |  | | |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **On complemented semirings with identity** |  | | |
| 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. | **The language of abstract is not proper.**  **Write abstract like**  **In this paper, we study some of the results on complemented semirings with identity for all and prove that () is quasi, weakly, separative and () is an idempotent. Finally, we characterize the additive and multiplicative structure of complemented semirings.** |  | | |
| **Are subsections and structure of the manuscript appropriate?** | **Give title or subsection before staring the results** |  | | |
| **Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.** | **nil** |  | | |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **yes** |  | | |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Revise the Introduction part as language is not proper.  Also there is no need to write the name of book “Theory of semirings with applications in mathematics and theoretical computer science” in introduction as it is written in the references  **Write the preliminaries , that is definitions like semiring, complemented semiring, quasi , weakly , separative semirings, idempotent etc. which are used in this manuscript** |  | | |
| Optional/General comments | Kindly revise the paper, as pointed out. |  | | |
| **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: | **Tilak Raj Sharma** |
| Department, University & Country | **Himachal Pradesh University Regional Centre Dharamshala, India** |