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| Book Name: | [Mathematics and Computer Science: Research Updates](https://www.bookpi.org/bookstore/product/mathematics-and-computer-science-research-updates-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4628** |
| Title of the Manuscript: | **Some K-Banhatti Polynomials of First Dominating David Derived Networks** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Baghdad Science Journal, 2023, 20(2): 315-325.**

[**http://dx.doi.org/10.21123/bsj.2022.6996**](http://dx.doi.org/10.21123/bsj.2022.6996)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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 minimum of 3-4 sentences may be required for this part.** | **The authors have modified David star to obtain David Derived Network. The results are specifically based on K banhatti polynomials introduced by renowned Graph Theorist V.R Kulli. This work can be classified as an applied research. It has a major share of special cases contributing to the work rather than generalizations however, it can be accepted since it is published as a book chapter involving detailing and examples. K Banhatti Topological indices are organised based on the degrees to form a k Banhatti polynomial. Variations in definitions led to different polynomials. The authors have calculated K Banhatti polynomials for DDD networks. They have plotted 3D graphical structures for their resulting polynomials.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is apt and aligns with the work explored.** |  |
| 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 abstract is clear and Precise** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, completely formula based. It follows the defined order.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are adequate and justified.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is satisfactory. |  |
| Optional/General comments | If possible try to give applications of the work explored. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewer details:**

**Tejaskumar R, VTU- Vishveshwara Technological University, India**