**Paper No: PU-SOE-MAT- 03**

**Spreading of Microorganism in Bipolar Fuzzy System**

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**Abstract**

In this paper, we examined the spreading of microorganism in bipolar fuzzy system and we defined the disease rate, healing rate and the sharp plague threshold of the microorganism spreading on bipolar fuzzy system and we demonstrate these ideas with example.

**Keywords:**

Fuzzy set, fuzzy graph, bipolar fuzzy graph, spreading of microorganism, plague threshold.

**Publication Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Journal Name** | **Vol.** | **Month & Year**  | **Page No.** | **Publisher** | **Scimago Ranking** |
| Research Journal of Pharmacy and Technology | 13(1) |  Jan. 2020  | 224-226 | A&V Publishers | Not yet Assigned |