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| Journal Name:  | [**Asian Research Journal of Mathematics**](https://journalarjom.com/index.php/ARJOM)  |
| Manuscript Number:  | **Ms\_ARJOM\_141359**  |
| Title of the Manuscript:  | On The Spectrum Of Some Infinite Matrix As An Operator On the Sequence Space   |
| Type of the Article  | **Original Research Article**  |

**PART 1: Comments**

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|  | **Reviewer’s comment**

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| **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer**  |
| **review.** |  |

  | **Author’s Feedback** (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 determine the spectrum of an infinite matrix regarded as a bounded linear operator over the space of all convergent to zero sequences of real numbers. Notions of sequence-to-sequence transformation and Norlund means are recalled. Related notations are also under attention. First, sufficient condition for the existence of the inverse notated by the Authors with G = (A – lambda I)^(-1) as a bounded linear operator in B(c-0) are pointed out. Second, the spectrum of G is determined.  |   |
| **Is the title of the article suitable?** **(If not please suggest an alternative title)**  | The title of the Article is suitable.  |   |
| **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 comprehensive**.**  |   |
| **Is the manuscript scientifically, correct? Please write here.**  | The manuscript is scientifically correct.  |   |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  | There are sufficient and suitable references.  |   |
| **Is the language/English quality of the article suitable for scholarly communications?**   | The English of the article is suitable for scholarly communications.  |   |
| **Optional/General** comments   |  |   |

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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:**

**Cristian Octav Olteanu, Polytechnic University of Bucharest, Romania**