

Review of: "Closed Subspaces of Multi-Indexed Sequences over a Field"

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In this study, the authors investigate the closed subsets of the vector space of multi-indexed sequences over a field with respect to the pointwise convergence topology. These closed subsets are shown to be the orthogonal complements of the subspaces of sequences with finite support in the vector space. The notion of orthogonality is established using a natural scalar product on these vector spaces. We appreciated the method proposed in this study very much, also because the authors have used some original interesting ideas in order to optimize the obtained results. We find that the obtained results are very interesting, as can be seen in the figures and tables. The methods used in this paper are clearly described. The results, all reasonable and expected, are introduced and proceeded by an appropriate and concise discussion in the section. This paper will be strongly recommended to be published in its present form.