Operator ideal of s-type operators using weighted mean sequence space

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Abstract. We introduce a different class of s-type operators by using the generalized weighted mean sequence space $c_0(u,v)$, then it is shown that this new class of operators is a quasi-Banach operator ideal. Moreover, their injectivity and surjectivity are investigated according to sort of s-number. Finally, we proof that it is a closed operator ideal under some conditions.

Acknowledgements. The first author was supported by TÜBİTAK- The Scientific and Technological Research Council of Turkey.

References


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Received: 17.09.2017; In revised form: 01.03.2017; Accepted: 20.03.2017

2010 Mathematics Subject Classification. 47B06, 47L20.

Key words and phrases. Operator ideals, s-numbers, weighted mean sequence space.

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