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An Application of Linear Topological Invariants

Bora ARSLAN, Mefharet KOCATEPE

Abstract: We consider a possible isomorphism of cartesian product of two Dragilev spaces of infinite type, and by making use of Zahariuta invariants and some structural properties, we show that if there is such an isomorphism, then any factor on the left is nearly isomorphic to the corresponding factor on the right. Key Words and Phrases: Linear topological invariants, Dragilev space, Dragilev function, rapidly increasing function.