

Weyl Type Theorem and the Fuglede Property

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Abstract : Given H a Hilbert space and $B(H)$ the algebra of bounded linear operator in H , let δ_{AB} denote the generalized derivation defined by A and B . The main objective of this article is to study Weyl type theorems for generalized derivation for (A,B) satisfying a couple of Fuglede.

Keywords : Fuglede Property, Weyl's theorem, generalized derivation, Aluthge transform

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