

LINEARLY SENSITIVE PROPERTIES

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A function f is called *linearly sensitive with respect to the property (or condition) (P)* if f has property (P) and for any $\alpha \neq 0$ the function $f + \alpha \cdot \text{id}$ has not the property (P) . We remind Mazurkiewicz construction of a function linearly sensitive with respect to (N) -Lusin condition and examine linearly sensitivity with respect to strong Świątkowski property and Świątkowski property.

The results are obtained with Artur Bartoszewicz and Małgorzata Filipczak.

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