

DESCRIPTIVE PROPERTIES OF VECTOR-VALUED AFFINE FUNCTIONS

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ABSTRACT. Let X be a compact convex set, $\text{ext } X$ stand for the set of extreme points of X , F be a Fréchet space and $f: X \rightarrow F$ be a strongly affine mapping. The aim of our paper is to investigate transfer of descriptive properties of $f|_{\text{ext } X}$ to f , generalizing thus results from [3] and [2] to the vector-valued context. As a corollary of our results we obtain a vector-valued analogue of a result of J. Lindenstrauss and D.E. Wulbert on L_1 -preduals and answer positively Questions 10.6 and 10.7 from [1].

REFERENCES

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