Dedicated to Costică MUSTĂŢA on his 60ᵗʰ anniversary

SUBCLASSES OF INTERSECTIONAL CONVEXITIES FOR SETS

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Abstract. In the general classification of the convexity properties for sets [4], the convexities defined as intersection of certain standard sets appear in more classes. First of all, we shall prove that all these convexity concepts are defined by segmental methods. The type of segmental method involved in the construction of an intersectional convexity lead to three classes of intersectional convexities.