2. Zvi Artstein, **Set-valued measures.** Transactions American Mathematical Society 165 (1972), 103-125.

Abstract. A set-valued measure is a σ–additive set-function which takes on values in the nonempty subset of a euclidean space. It is shown that a bounded and non-atomic set-valued measure has convex values. Also the existence of selectors (vector-valued measures) is investigated. The Radon-Nikodym derivative of a set-valued measure is a set-valued function. A general theorem on the existence of R.-N. derivatives is established. The techniques require investigation of measurable set-valued functions and their support functions.

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