

Emile Borel and the probabilistic turn of a worried Cantorian

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In this talk, I shall present the singular way in which Émile Borel, from his studies on the structure of real numbers and a certain rejection of Cantor's abstract vision, found in the calculus of probabilities an adequate tool to formulate a new approach to problems. At the same time, he became aware of its usefulness for the study of phenomena of physics and society and developed a singular viewpoint on the concept of probability, merging subjectivist and objectivist aspects under an specific understanding of its possible application.