Methods for assessing similarity of random sets

Markéta Zikmundová

(*University of Chemistry and Technology, Prague*)

The poster concerns an overview of recently developed methods for comparing two realisations of random sets. The methods are based on deriving a sample of functions from each realisation, which describe the realisation shape, and consequent testing of equality of their probability distributions. The latest method focuses on shapes of the components of the random sets, namely on the curvature of their boundaries together with the ratios of their perimeters and areas.