

Kognitywistyczne Seminarium Metodologiczne

Czwartek, 21 lutego, g. 17:00, Instytut Psychologii UJ, Ingardena 6, s. 2.15

referuje

mgr Jan Jastrzębski

(Zakład Kognitywistyki IF UJ/IPs UJ)

A battery of adaptive tasks for measuring perceptual discrimination and intelligence

One of the basic perceptual abilities is accurately perceiving small differences and quick changes in the environment, for example, noticing the difference in colour or size of different objects, in pitch or intensity of sounds, or in length of time intervals. I will present a new battery of psychophysical tasks intended to measure different aspects of perceptual discrimination as well as I will address some basic methodological issues related to the design and application of such measures. I will present results of a study that applied all these discrimination tasks to model the structure of perceptual abilities in a large sample of young adults. Secondly, I will present a concept of novel shortened, super-simplified, and adaptive fluid intelligence tests. Based on the recent data we will see whether the tests were successfully validated or should we better stick to the good old Raven's matrices.