



The Role of Analogical Reasoning in Cue Evaluation for First Responders

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GRIN Verlag Gmbh Aug 2014, 2014. Taschenbuch. Book Condition: Neu. 210x148x2 mm. This item is printed on demand - Print on Demand Neuware - Doctoral Thesis / Dissertation from the year 2014 in the subject Psychology - Miscellaneous, grade: 24.00, , language: English, abstract: During a casual conversation, a law enforcement officer claimed that the type of cues that a novice officer selected determined his/her eventual success in becoming a skilled decision maker. Previous literature in cognition and developmental psychology has suggested a similar phenomenon. Gentner, Holyoak and Kokinov state that analogical reasoning is correlated to cue evaluation in problem solving and in decision making (2001). In order to explore this further, a two part study was employed. In the first part, law enforcement officers and firefighters with more than ten years of experience were interviewed about training, cues and standard operating procedures. Then, these officers assisted in creating the testing materials. In the second part, law enforcement and firefighting officers took the test which consisted of an analogy test and an evaluation of important cues within scenarios. The results of the study suggest that law enforcement officers use analogical reasoning to determine cues within a scenario but firefighters do...

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