RICE UNIVERSITY

What is False Pop Out (FPO)?

Pop out is traditionally attributed to basic feature differences, but emergent feature differences (especially symmetry) can cause distractors to be more visually salient than targets.











Why it happens: Breaking higher-order patterns





Pure False Pop Out, "Anti-Metamers" and Visual Salience Kimberley D. Orsten and James R. Pomerantz





Metamers: Physically different stimuli that are perceived as identical.





3 identical roads





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- 3-Road stimulus ©Akiyoshi Kitaoka (2010)

Pomla