**BACKGROUND:** Saliency Maps

- **Influences on Attention**
  - Bottom-up: fast, automatic mechanism that biases observer toward attending to stimuli based on obviousness. Perceptual.
  - Top-down: slower mechanism which controls attention willfully and is task-dependent. Cognitive.
- **Saliency Map:** 2D map that encodes saliency of objects in visual environment. [6]
- **Orientation, intensity, and color**
- **Attention first goes to most salient location, then is inhibited and is automatically shifted to next most salient location.**

**Relevant AIOI**

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**References**


