













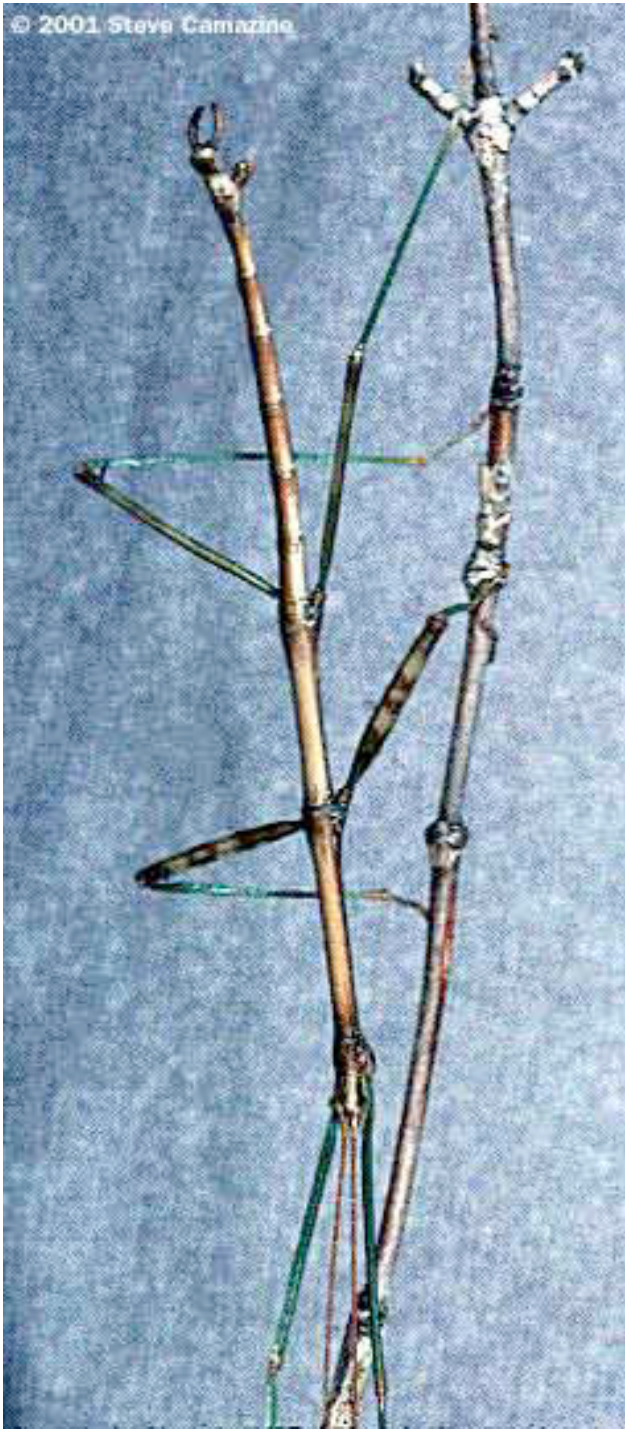








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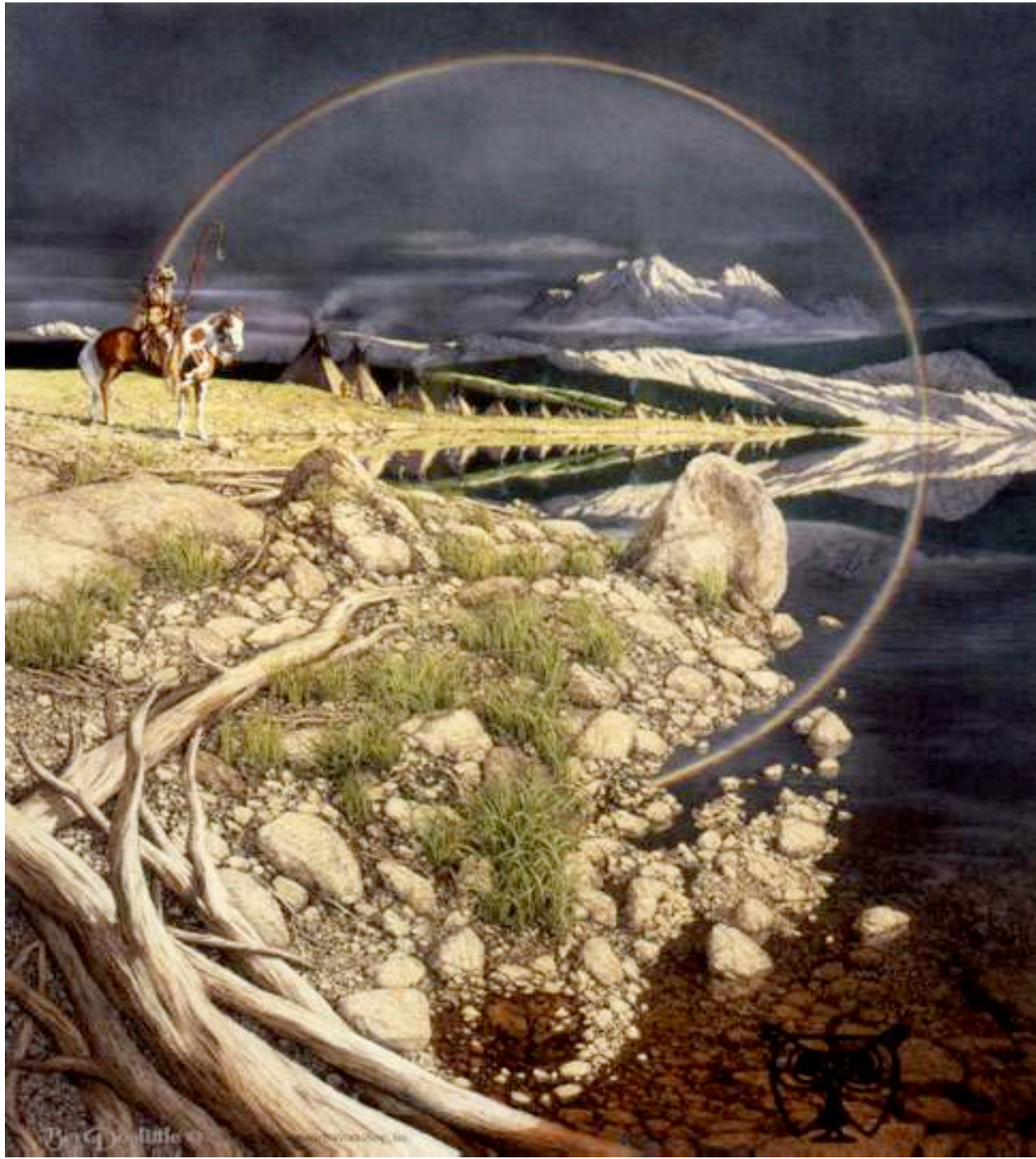












Big Little

www.biglittle.com

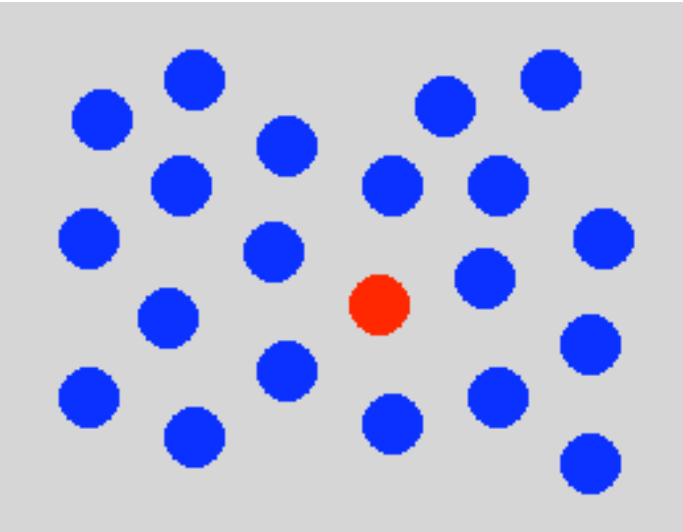


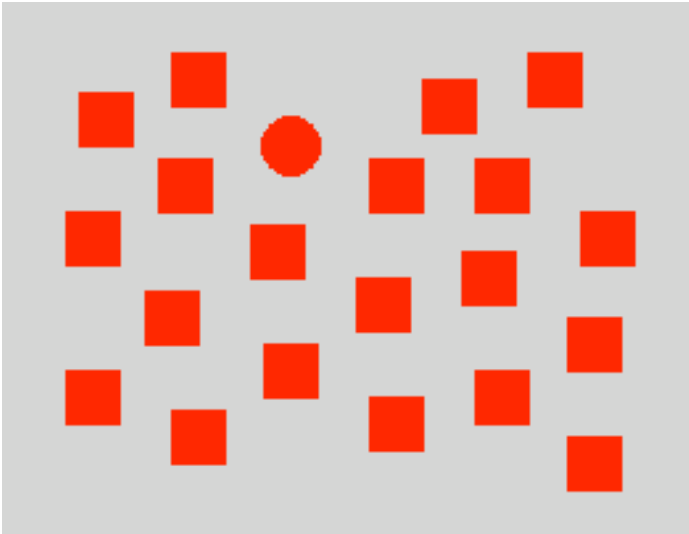




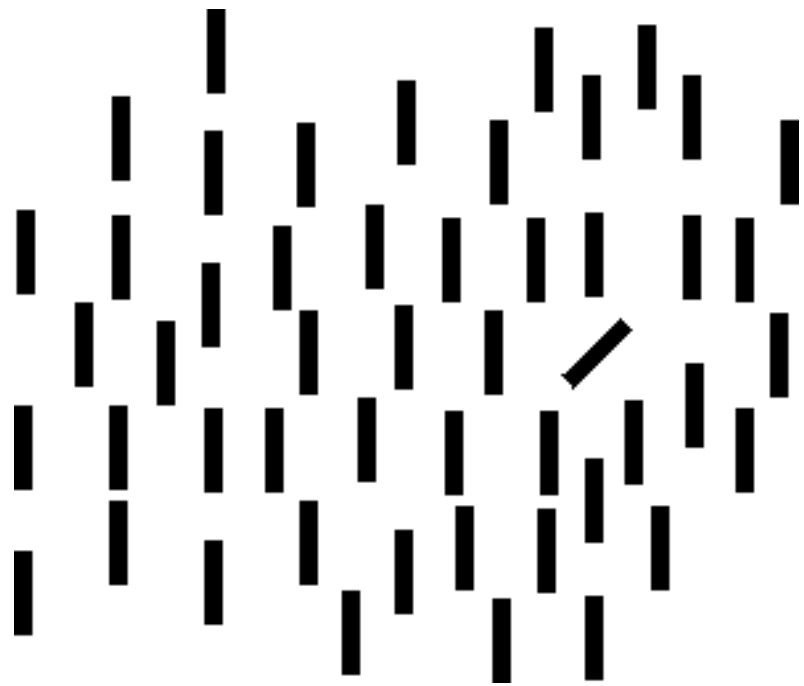


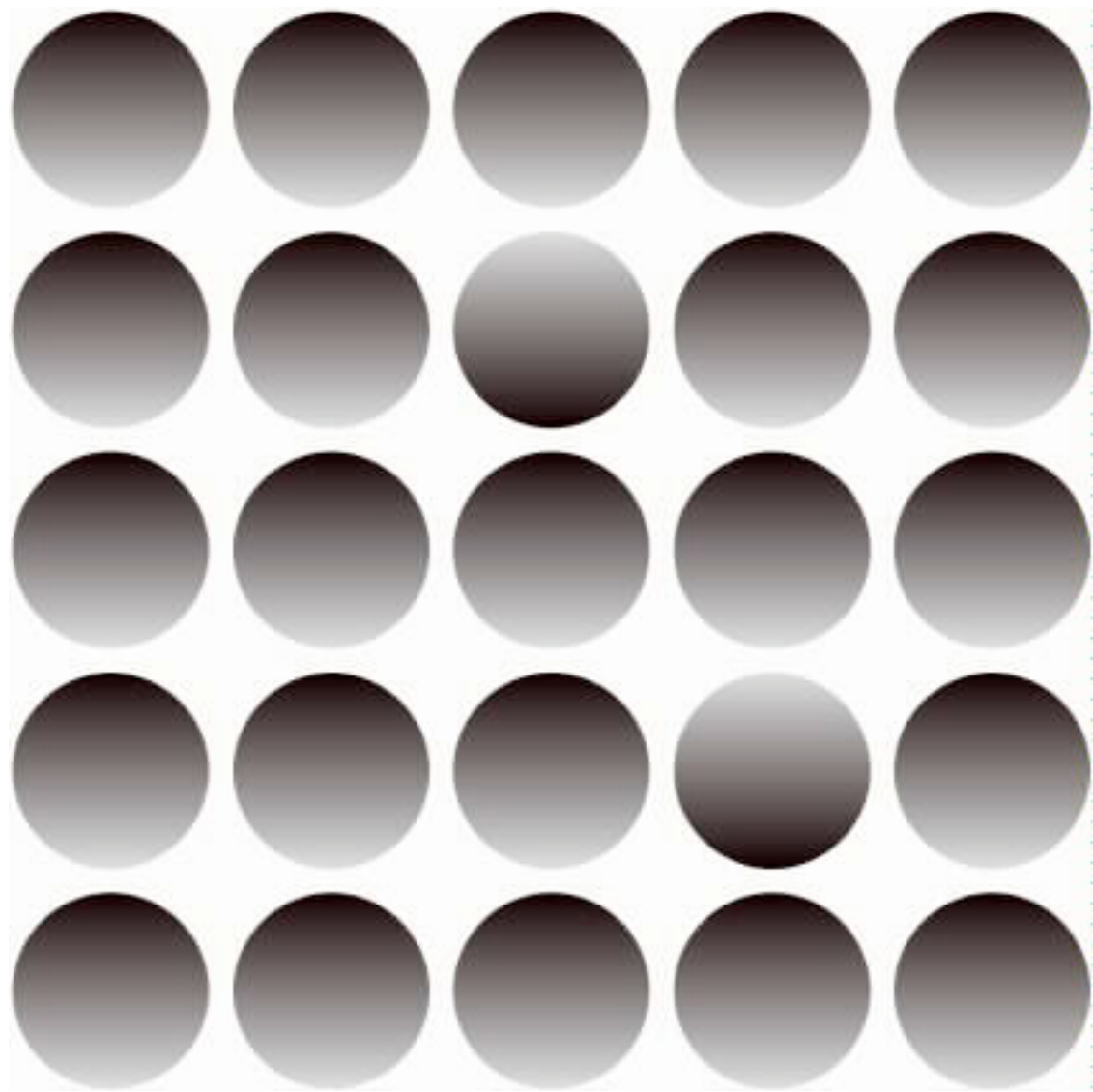




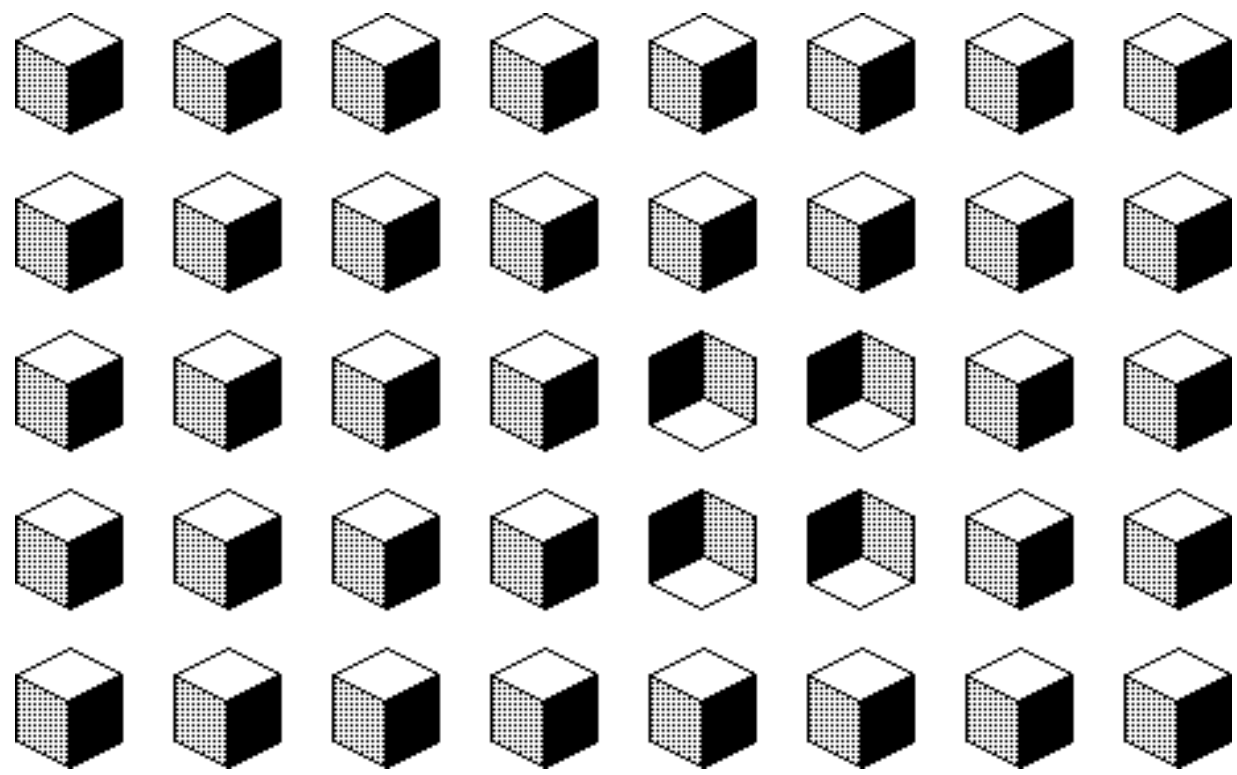


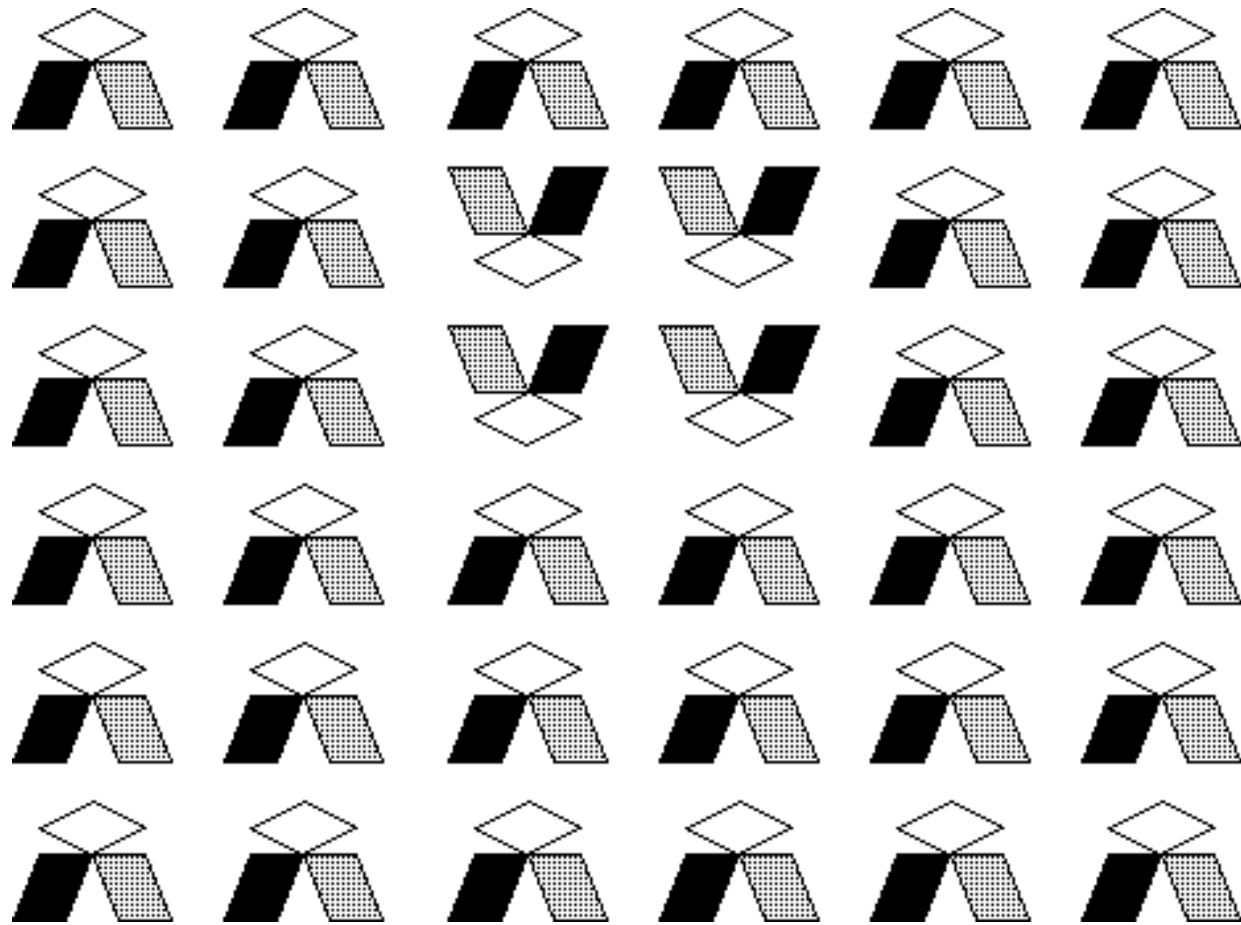
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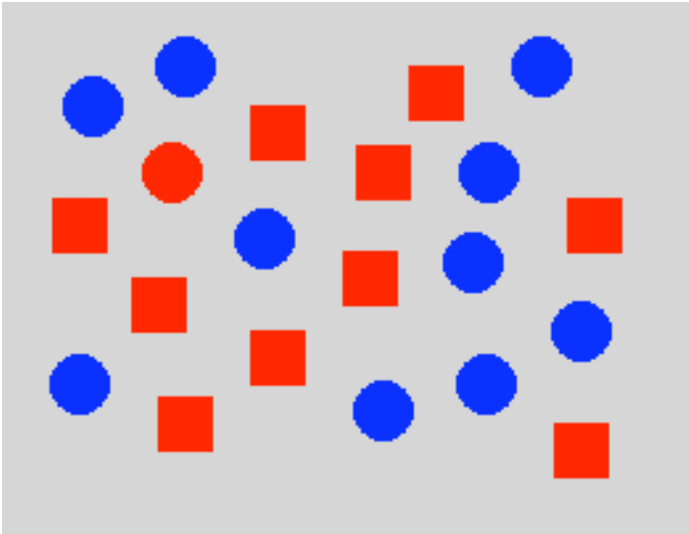


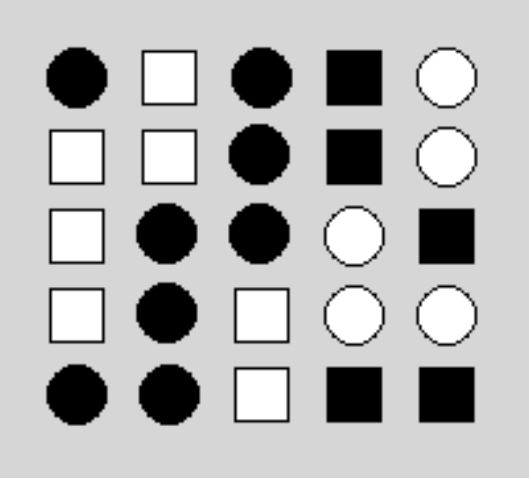


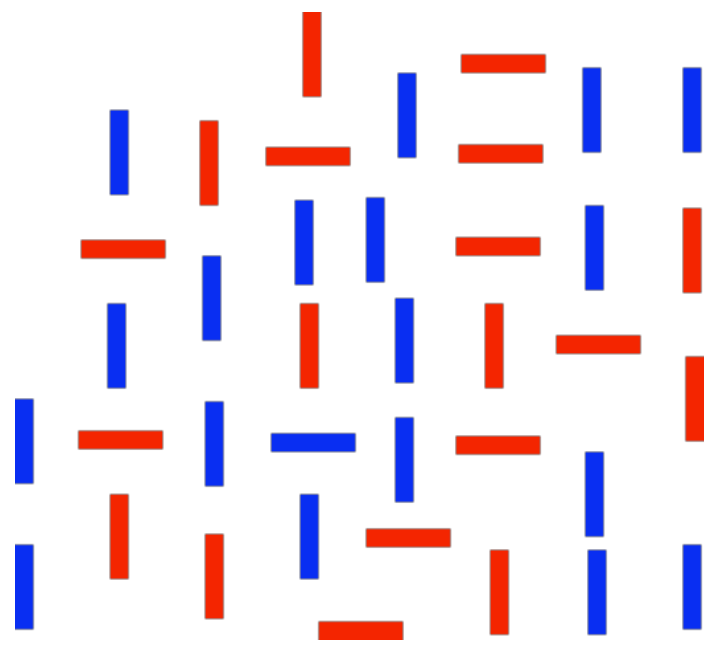


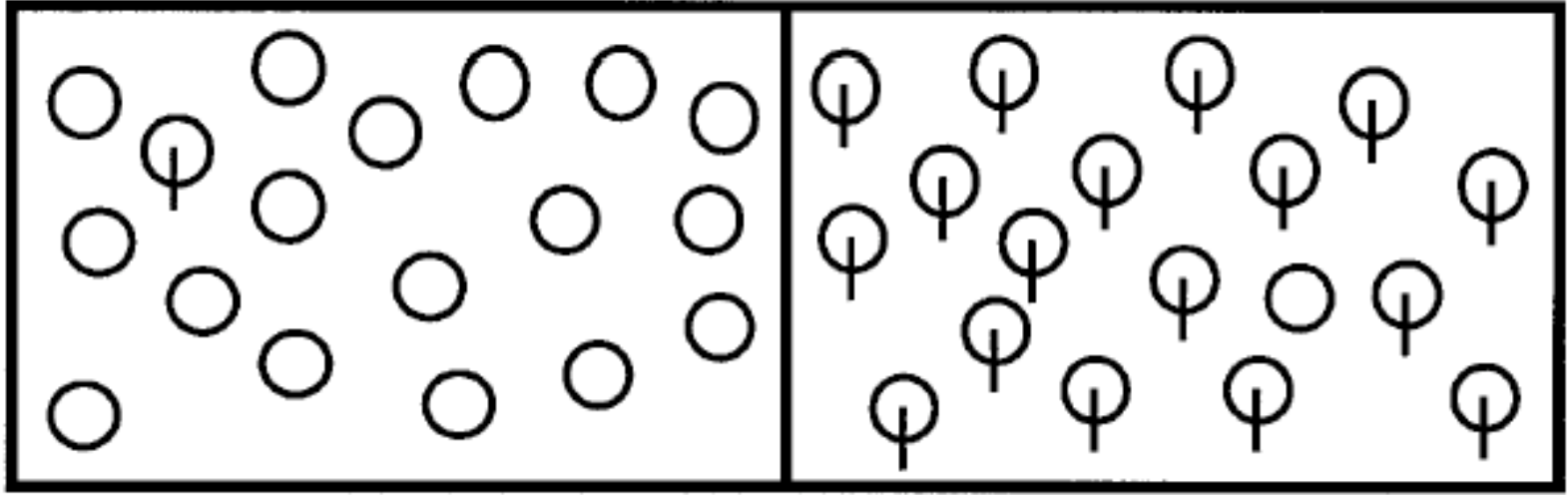








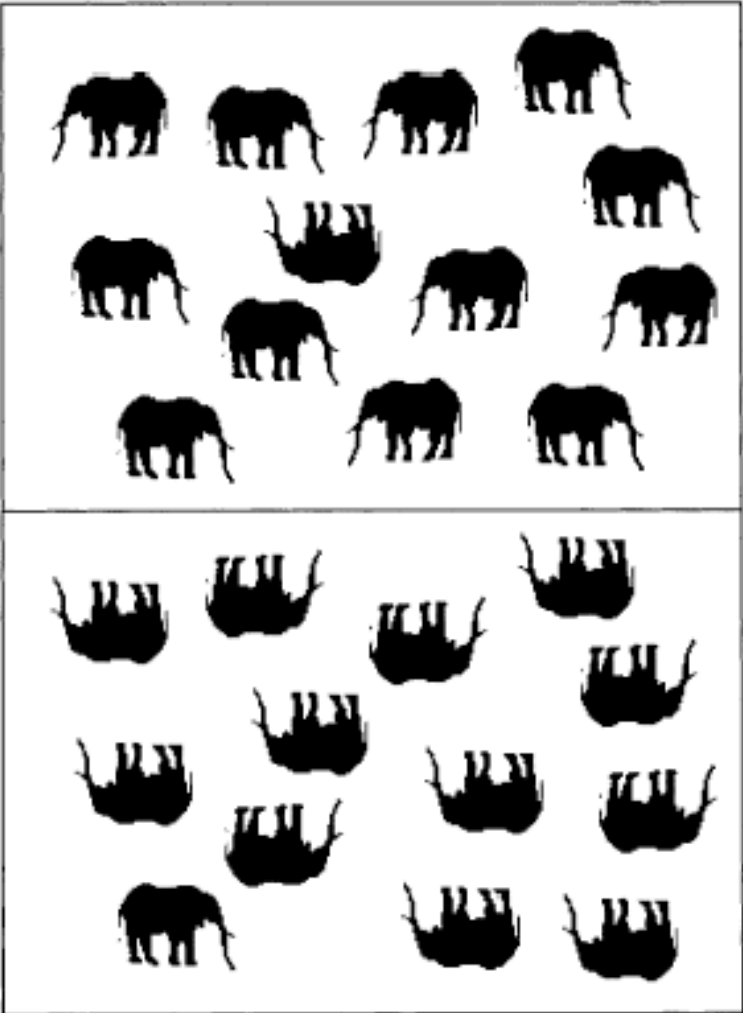




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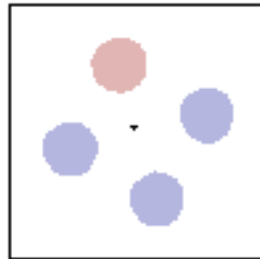




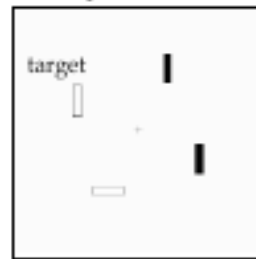
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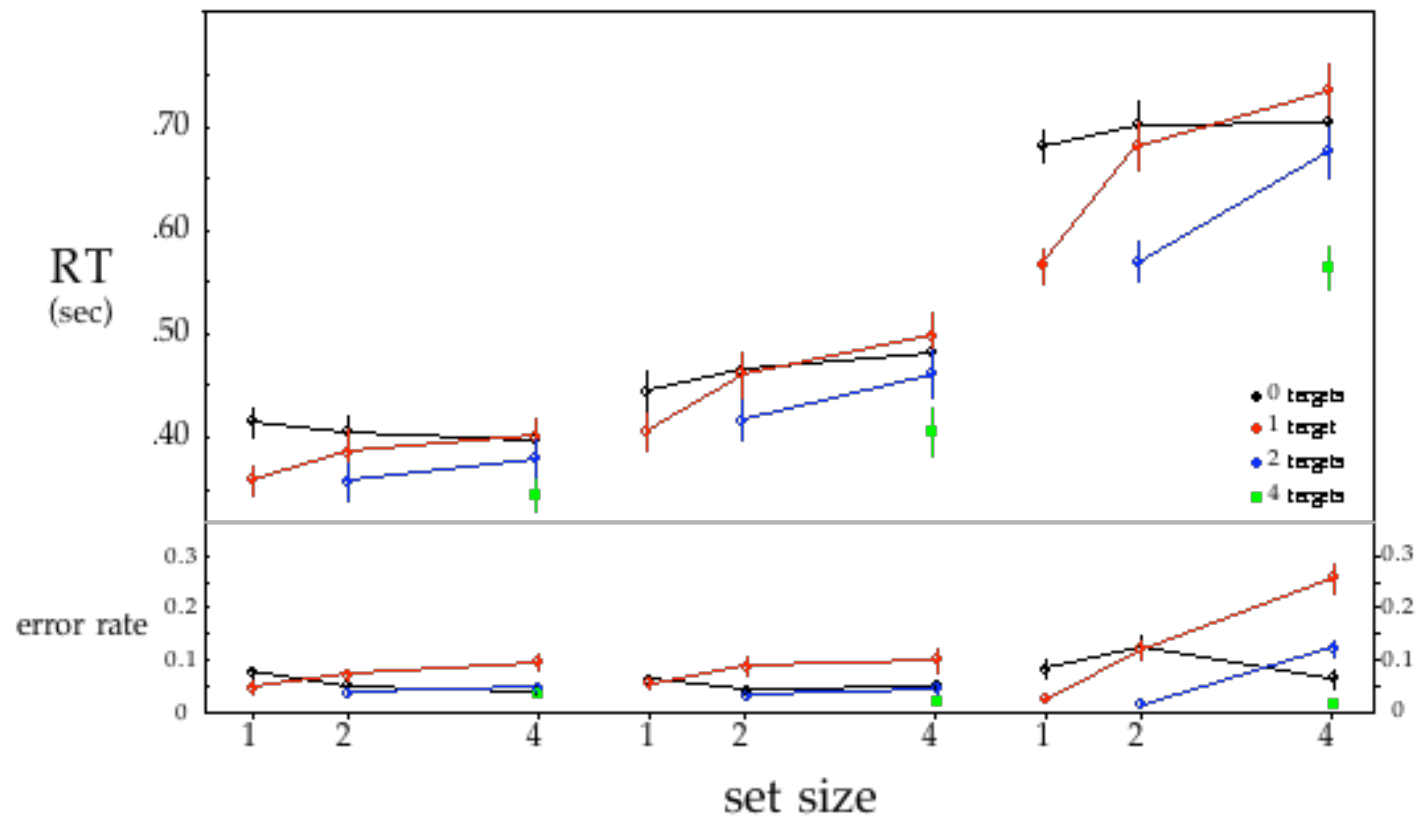
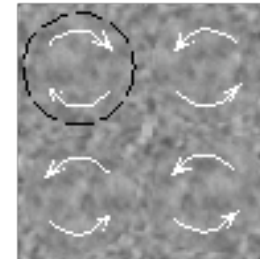
color

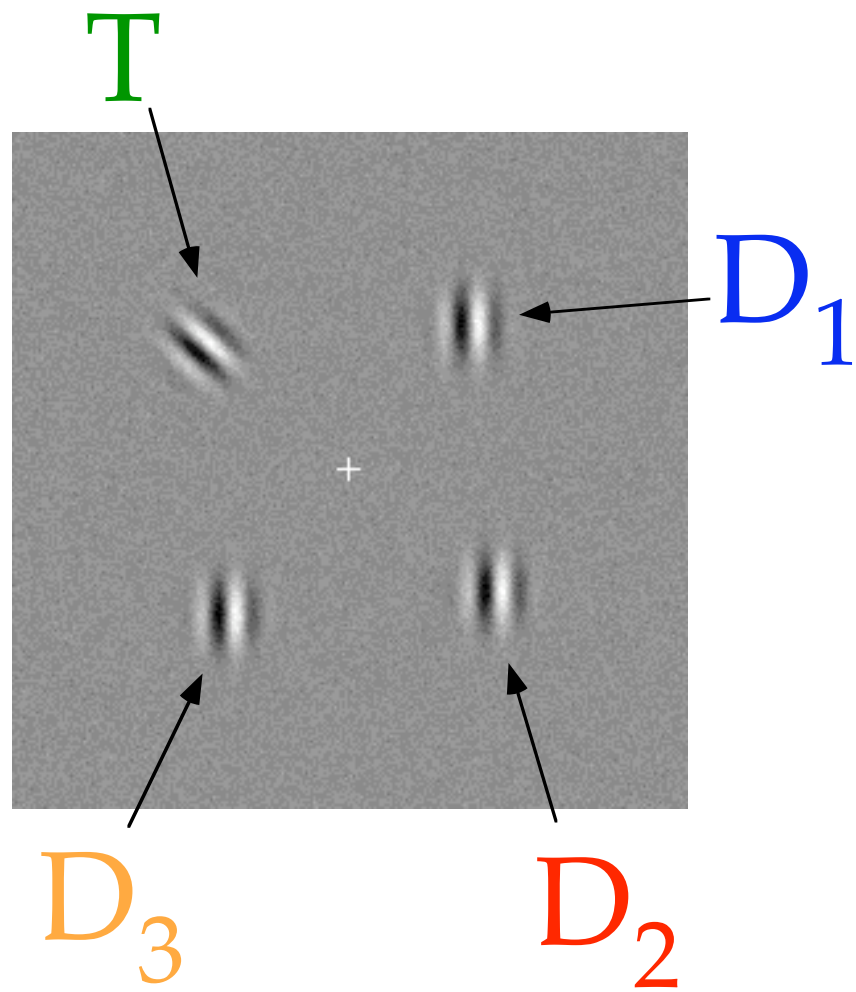


conjunction

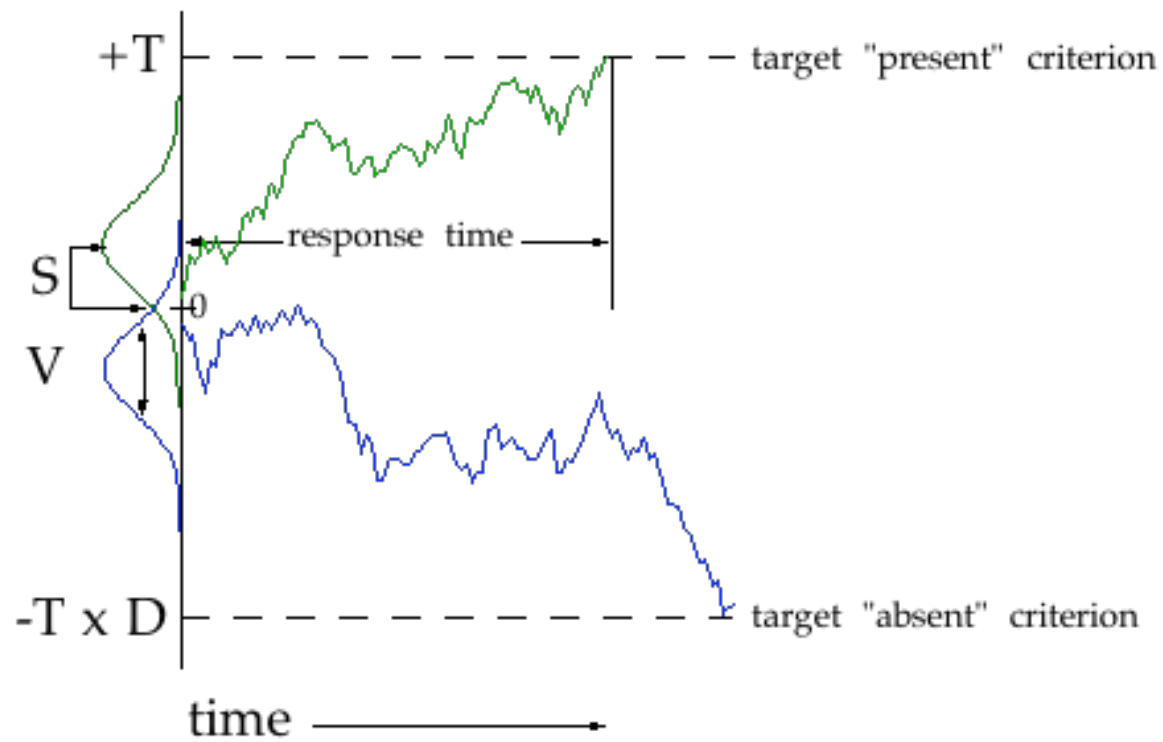


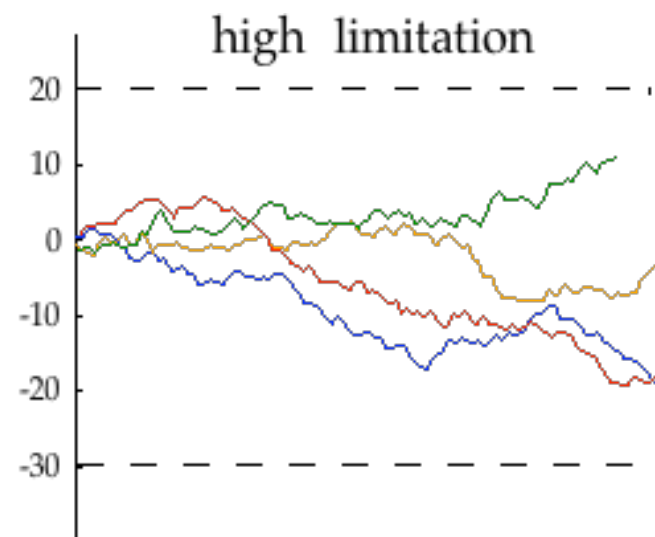
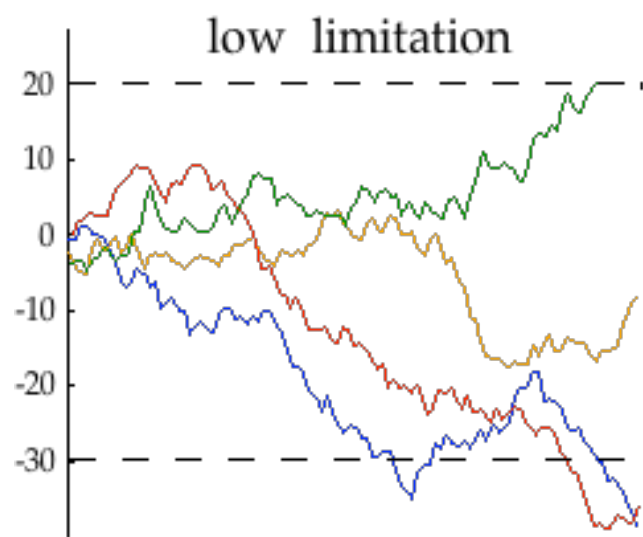
rotation





## Basic random walk discriminator





### Attentional limitation scale factor

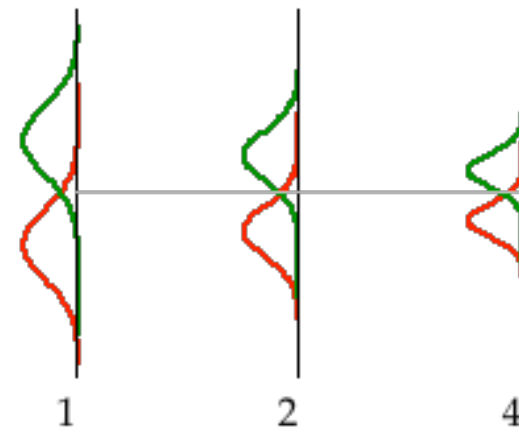
$$A_n = n^{-\gamma} \text{ limitation parameter}$$

$$S_n = S_1 \times A_n$$

$$V_n = V_1 \times A_n$$

increment ↑ parameters

$$A_1 = 1 \quad A_2 = 2^{-\gamma} \quad A_4 = 4^{-\gamma}$$

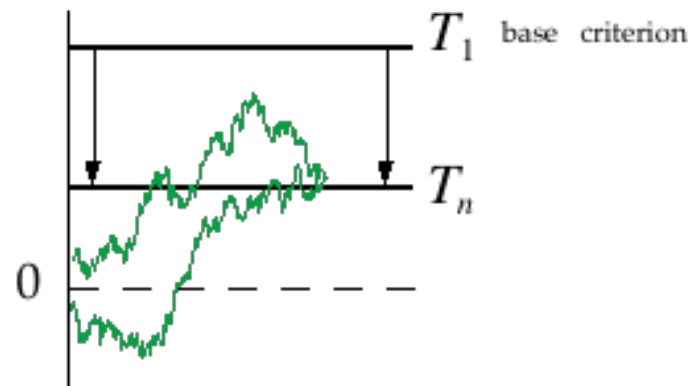


$n$  (set size)

### Criterial relaxation with set size

$$T_n = \frac{T_1}{C^{\frac{n}{2}}} \text{ for } n > 1$$

relaxation parameter



# attentional limitation & criterial relaxation

