gradient magnitude, normalized

$\left\|\nabla s(\mathbf{x})\right\|_{[0..1]}$

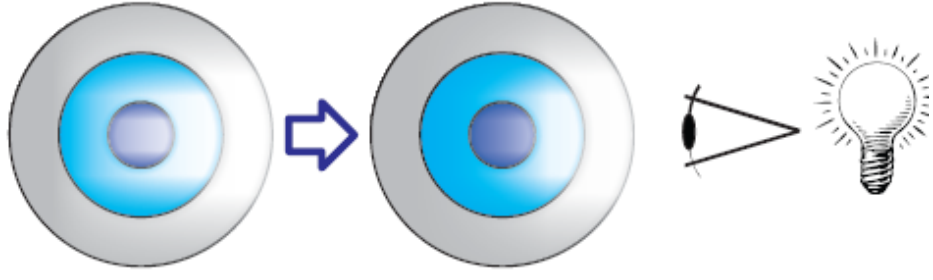
shading intensity

$\sigma(\mathbf{x})$

eye distance, normalized

$\left\|\mathbf{x}-\mathbf{x}_{eye}\right\|_{[0..1]}$

$$\alpha_i = \alpha\left(s(\mathbf{x})\right)\left\|\nabla s(\mathbf{x})\right\|_{[0..1]}^{\left(\kappa_t \sigma(\mathbf{x})\left(1-\left\|\mathbf{x}-\mathbf{x}_{eye}\right\|_{[0..1]}\right)(1-\alpha_{i-1})\right)^{\kappa_s}}$$



previously accumulated opacity α_{i-1}

Image: S. Bruckner