

modality	physical property	$f(V)$	range
\mathcal{M}_1	2D shape	max. intensity gradients	$[0, \pi]$
\mathcal{M}_2	3D geometry	max. normal vectors	$[0, \pi]^2$
\mathcal{M}_3	transparency	unavailable depth	$\{0, 1\}$
\mathcal{M}_4	specular reflection	max. intensity	$\{0, 1\}$