











- → Geometry
- → Geographic
- → Spatial Fields
- → Scalar Fields (one value per cell)
- → Isocontours
- → Direct Volume Rendering

Textures (dense seeds)

→ Features (globally derived)

→ Vector and Tensor Fields (many values per cell)			
→ Flow Glyphs (local)	<u>ፍተተተ</u>		
→ Geometric (sparse seeds)	55433		



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	Idioms: isosurfaces, direct volume rendering	
	 data scalar spatial field (3D volume) I quant attribute per grid cell task shape understanding, spatial relationships isosurface derived data: isocontours computed for specific levels of scalar values direct volume rendering transfer function maps scalar values to color, opacity no derived geometry 	
83	edited by Charles Honsen and Christopher Johnson, pp. 189-210. Elsevier, 2005.]	
	 • data tensor field: multiple attributes at each cell (entire matrix) stress, conductivity, curvature, diffusivity derived data: shape (eigenvalues) orientation (eigenvectors) • visual encoding glyph: 3D ellipsoid 	
87	[Superquadric Tensor Glyphs. Kindlmann. Proc. VisSym04, p147-154, 2004.]	

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