

Operations		Time	Space
Extraction	Point	Point Extraction	
	Curve	Orthogonal Drilling	
		Oblique Drilling	
		Planar Curvilinear Drilling	
	Non-Planar Drilling		
	Surface	Orthogonal Cutting	
		Oblique Cutting	
		Curvilinear Space Cutting	
	Volume	Other	
		Orthogonal Chopping	
Flattening	Planar Flattening	Oblique Chopping	
		Curvilinear Space Chopping	
	Non-Planar Chopping	Other	
		Orthogonal Flattening	
		Oblique Flattening	
	Non-Planar Flattening		
Operations		Time	Space
Geometry Transformation	Rigid Transformation	Translation	
		Rotation	
		Scaling	
	Bending		
	Unfolding		
	Filling	Orthogonal Interpolation	
		Volume Interpolation	
		Encoding	
	Others	Recoloring	
		Difference Coloring	
Content Transformation	Others		
	Labeling		
	Repositioning	Stabilizing	
		Bundling	
	Shading		
	Filtering		
	Aggregation		