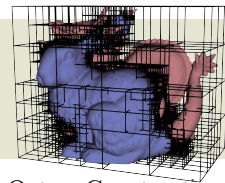
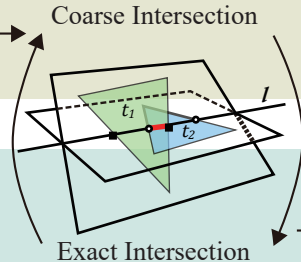


**Vertex-Based
Representation**

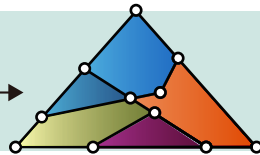


Octree Construction

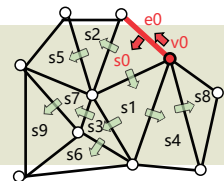
**Plane-Based
Representation**



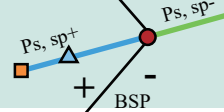
Exact Intersection



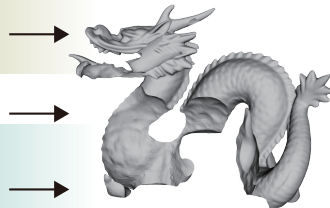
Exact Tessellation



Face Classification



Exact Label Computation



Output