

CSC 240

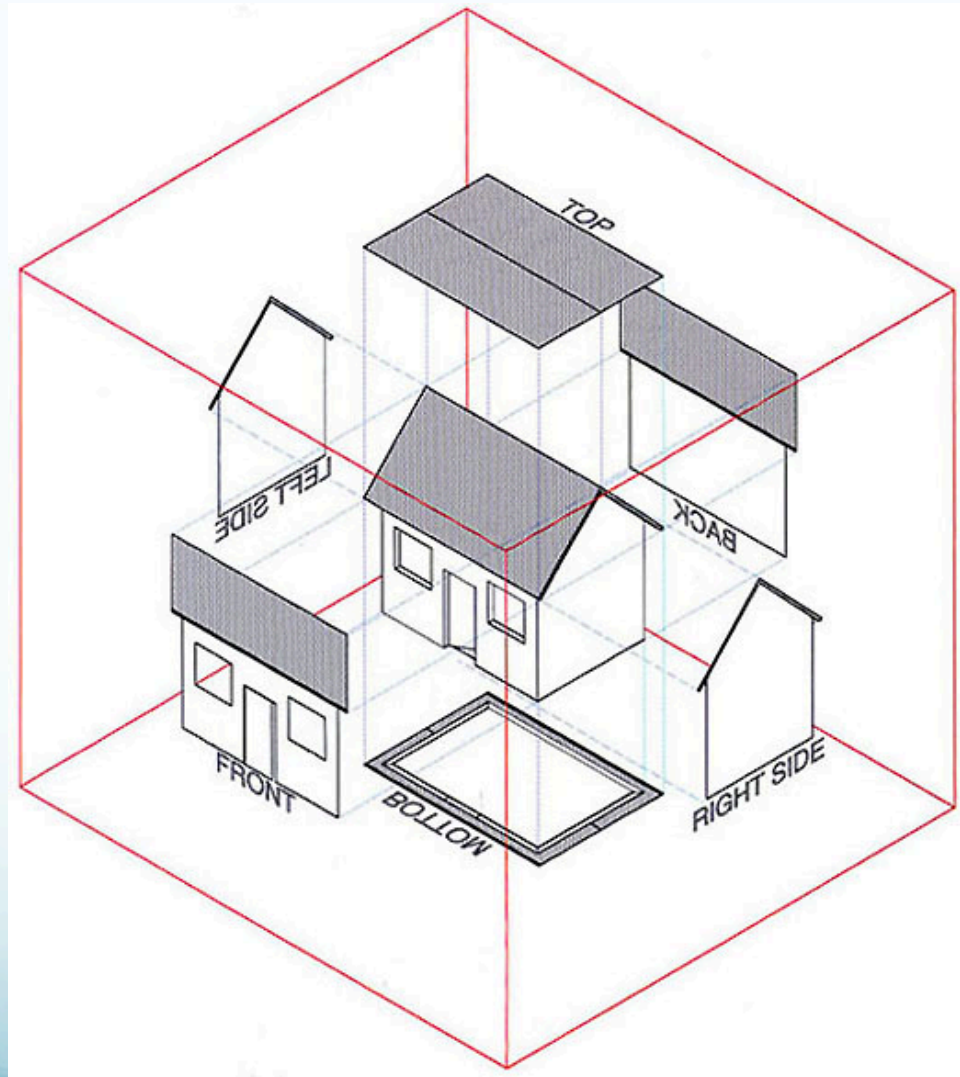
Computer Graphics

Fall 2015
Smith College

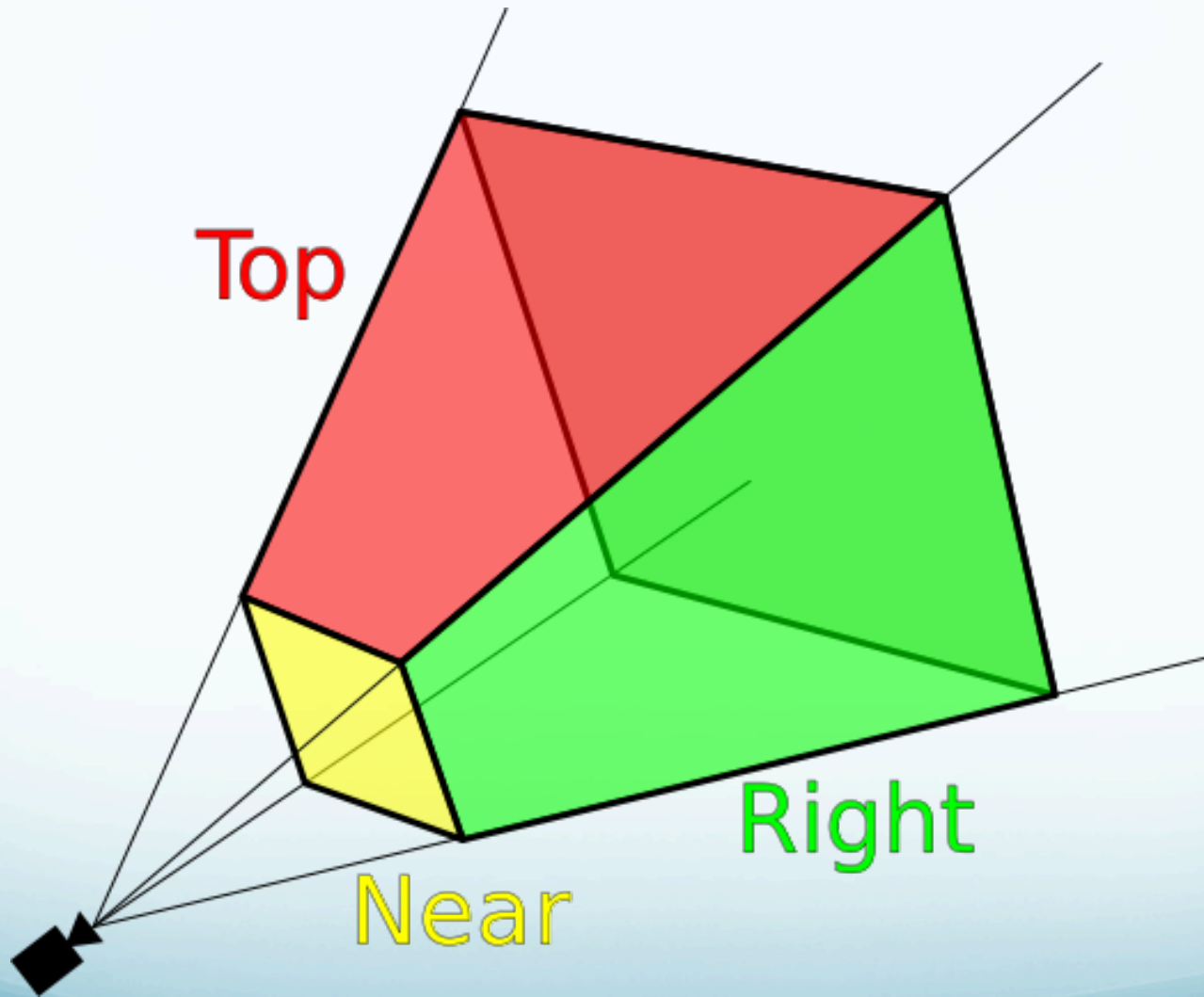
Outline: 10/19

- Begin 3D and perspective
- Finish up curves
- Lab for HW 5

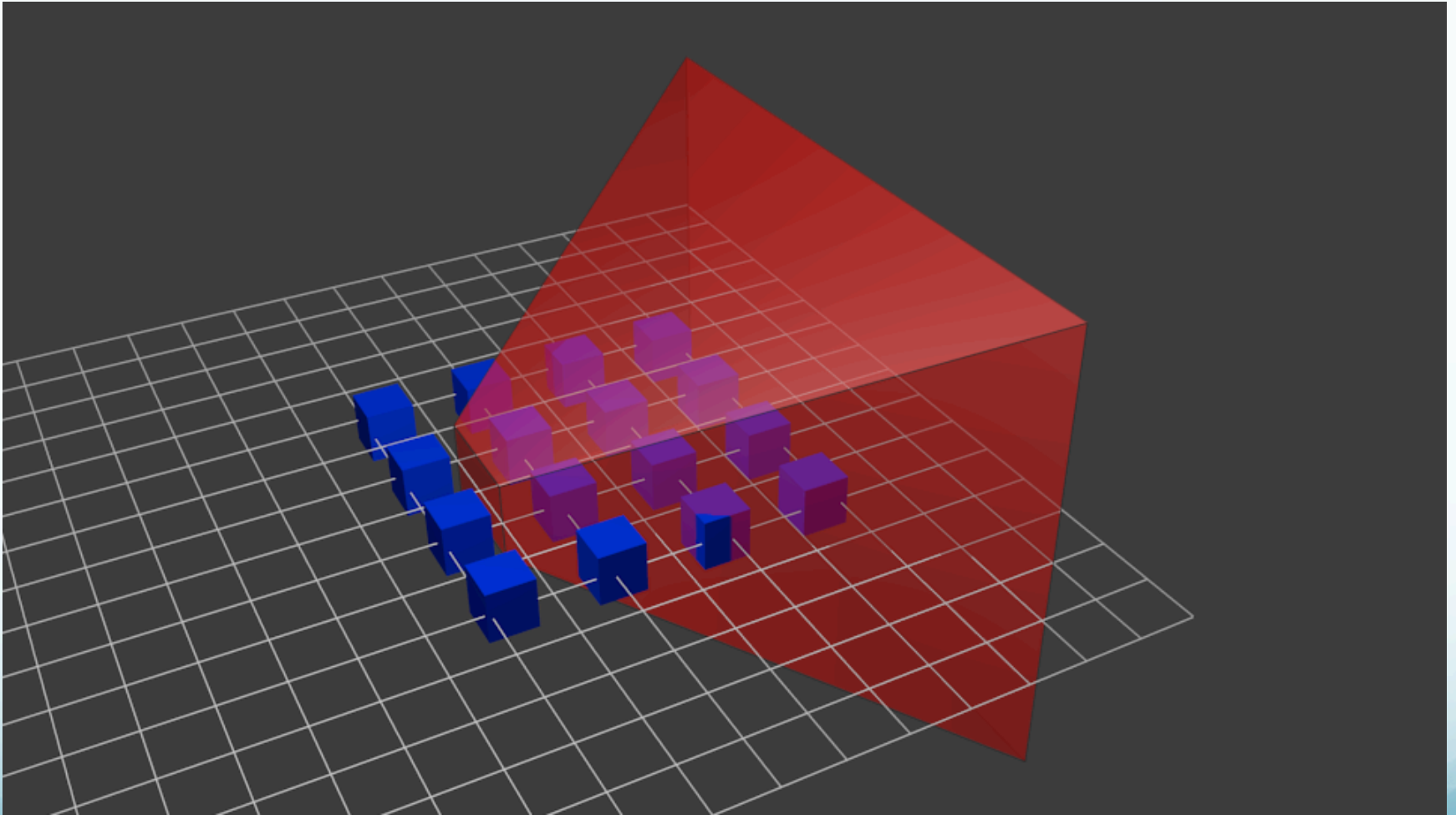
Orthographic Projection



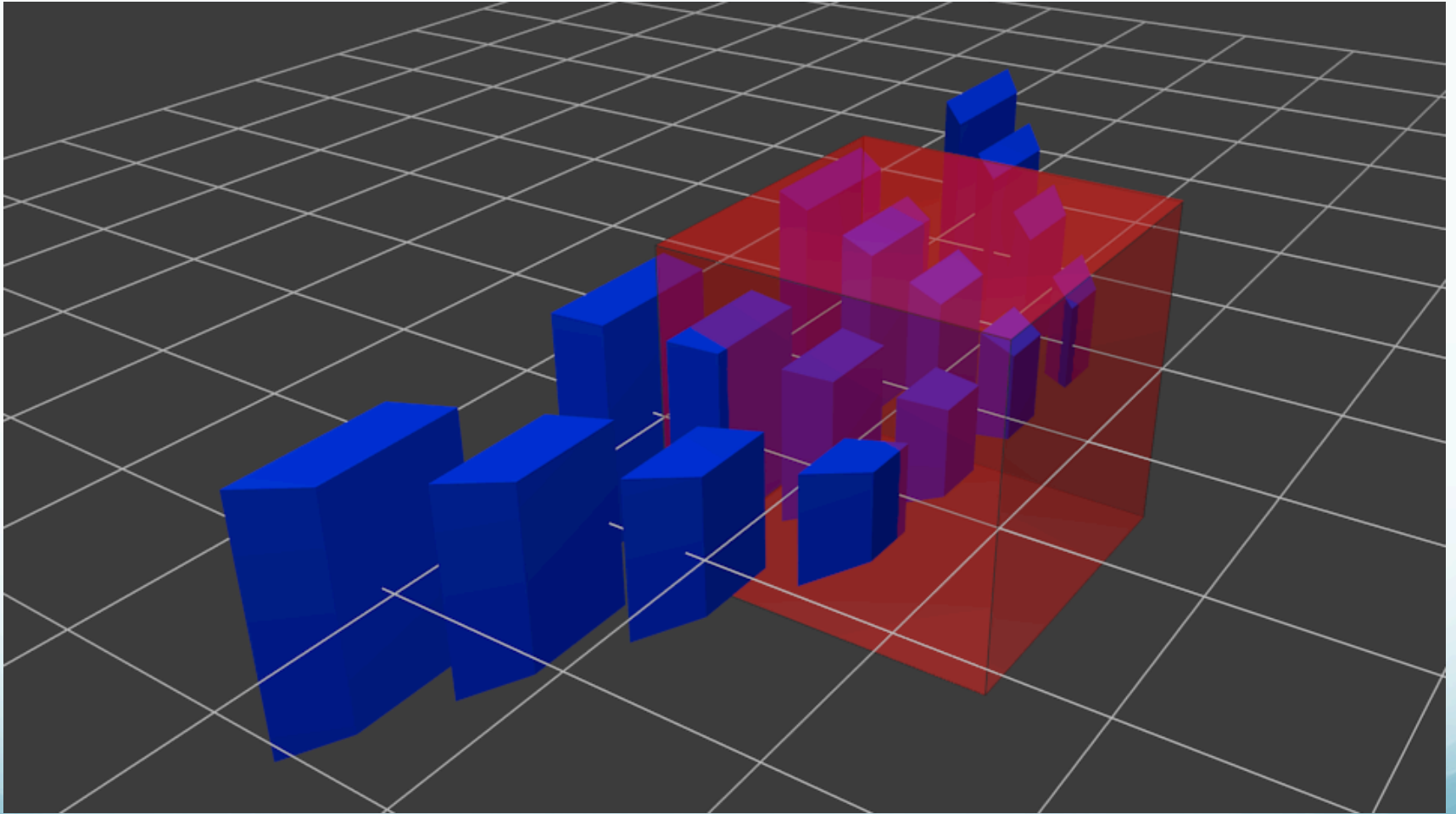
Perspective Projection: Frustum



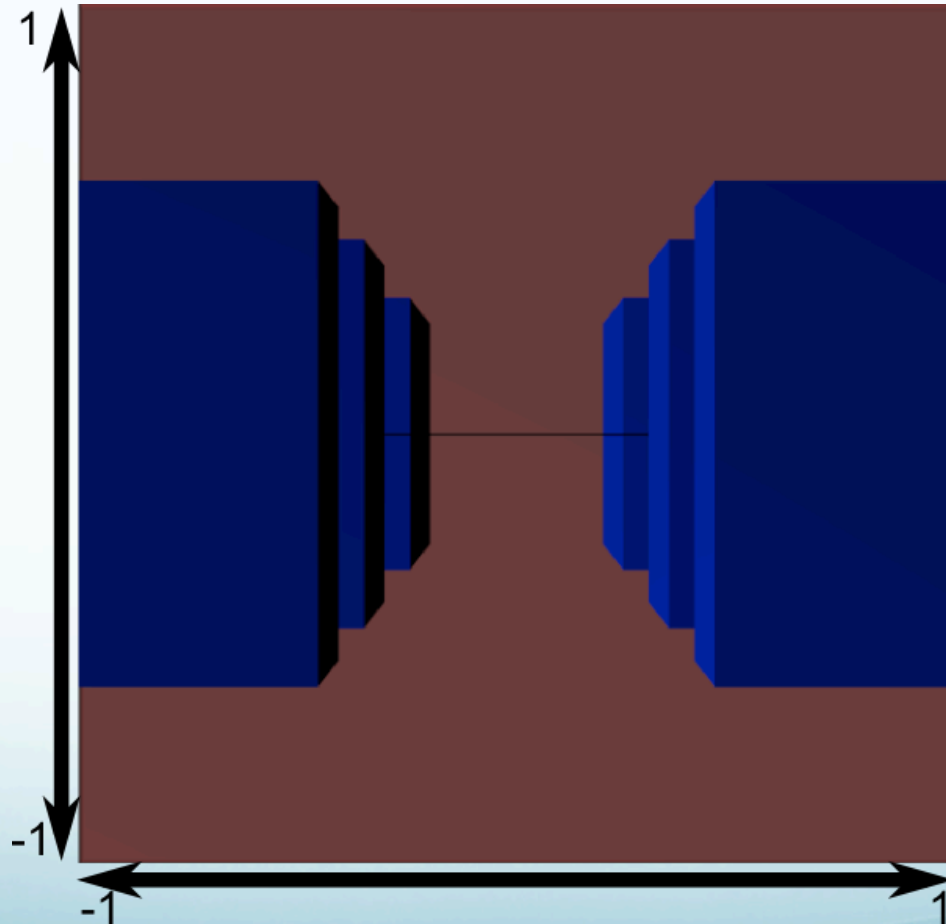
Perspective Projection: Frustum



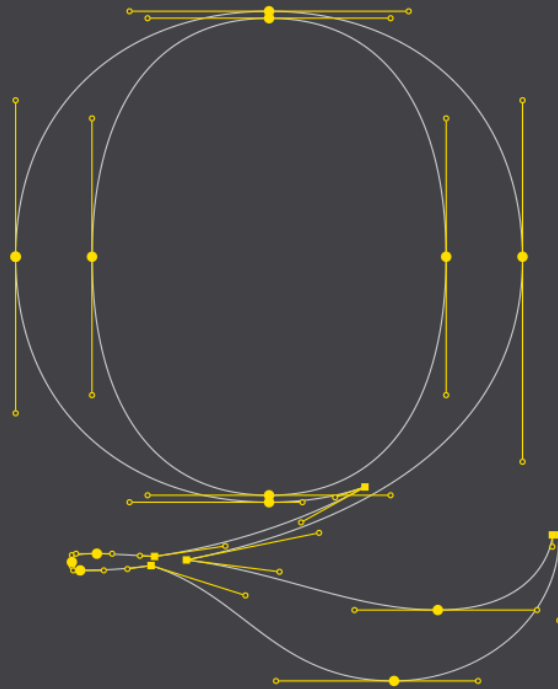
Perspective Projection: Frustum



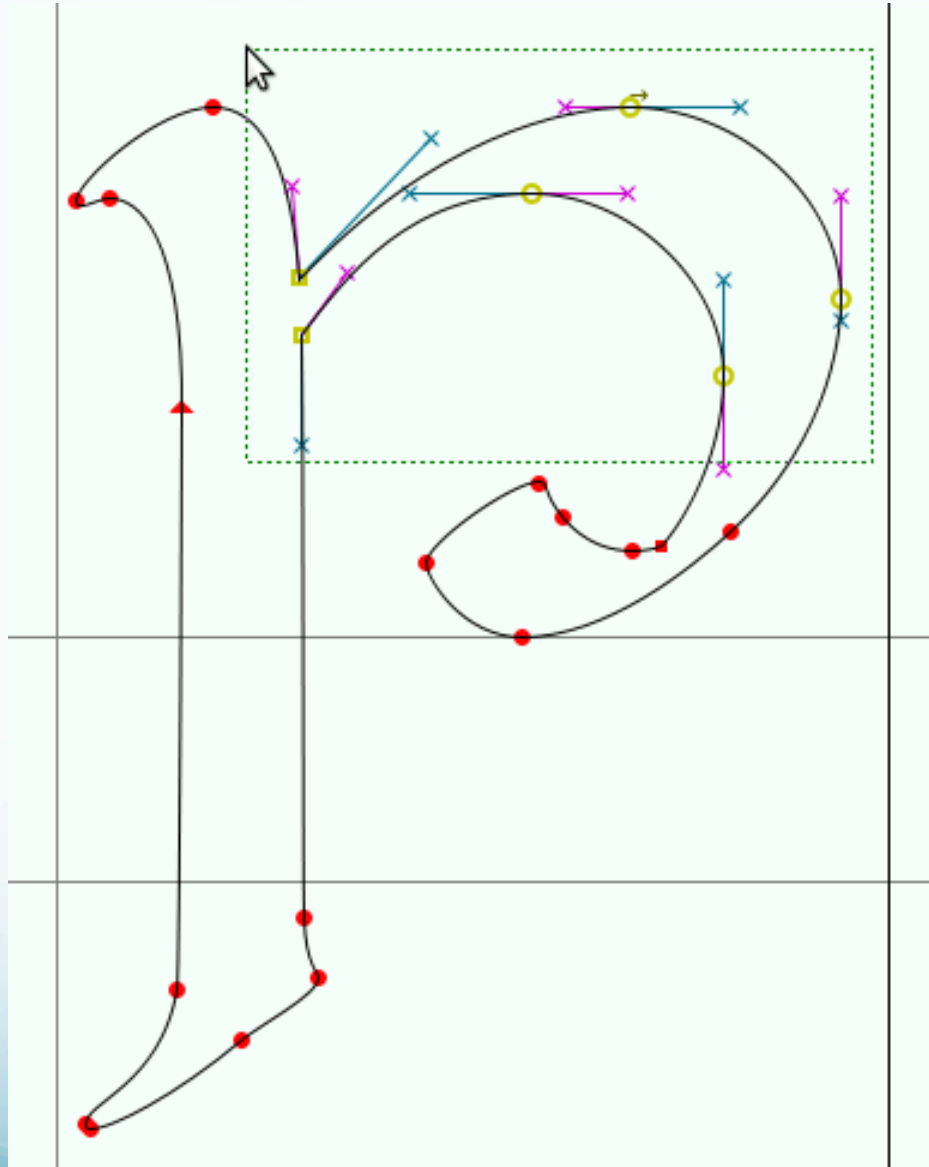
Perspective Projection: Frustum



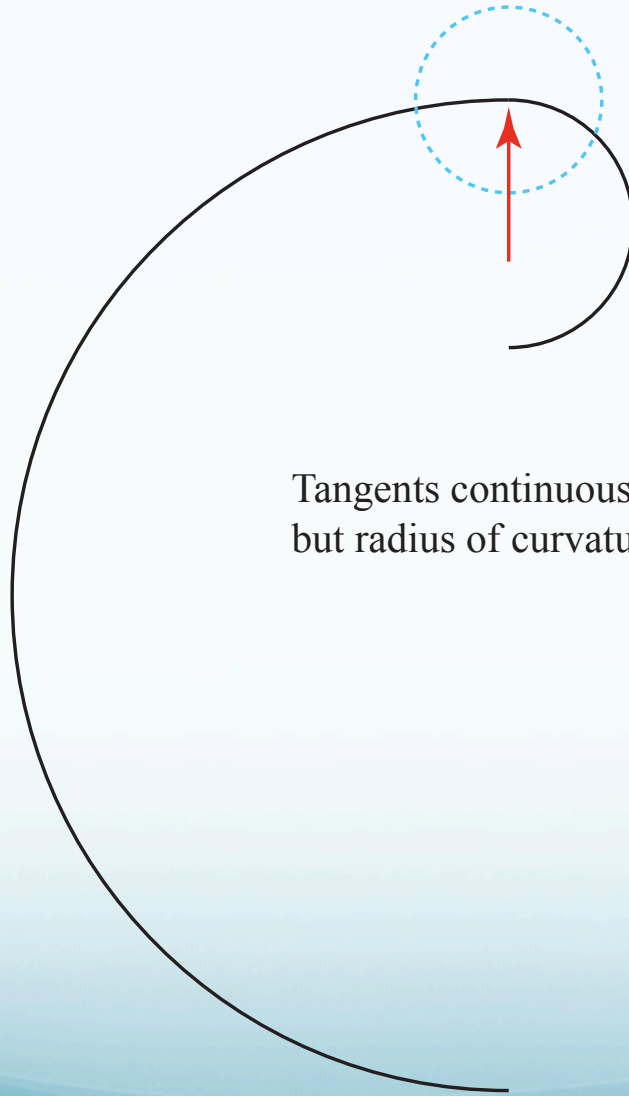
Most fonts use Bézier curves



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Why cubic spline?



Tangents continuous,
but radius of curvature discontinuous

Example Cubic Spline

