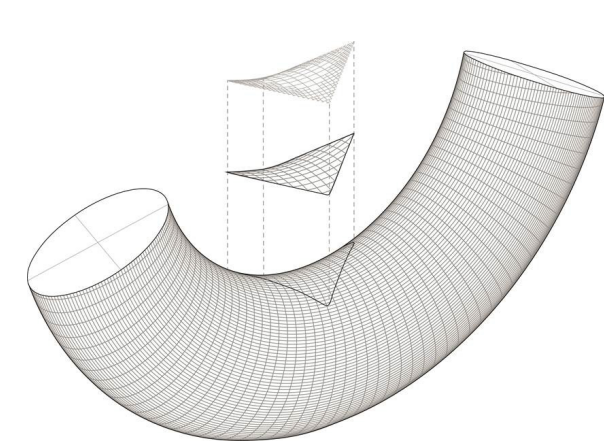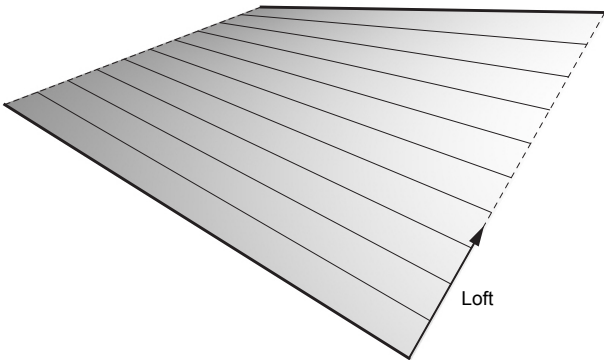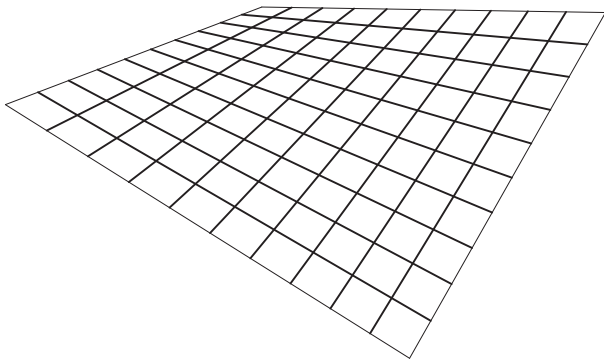屋顶板材分割-规则曲面
Roof Panelization Geometry
Ruled Surfaces
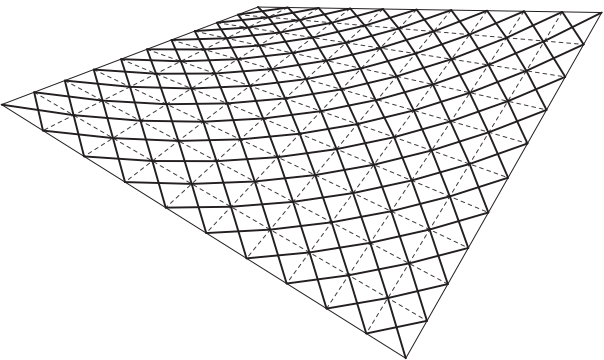

Ruled Surface creation
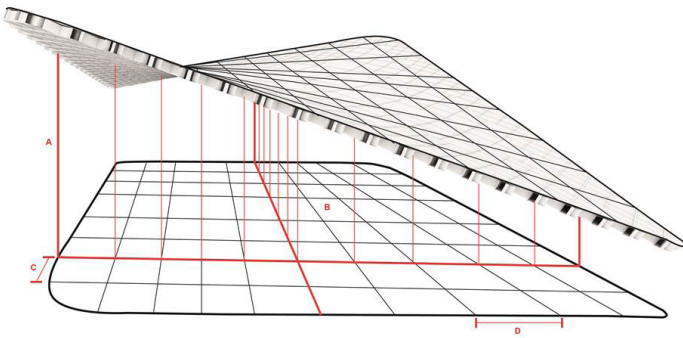lofting through straight lines

Loft

IsoCurves of the Ruled Surface
Isocurves are staright lines
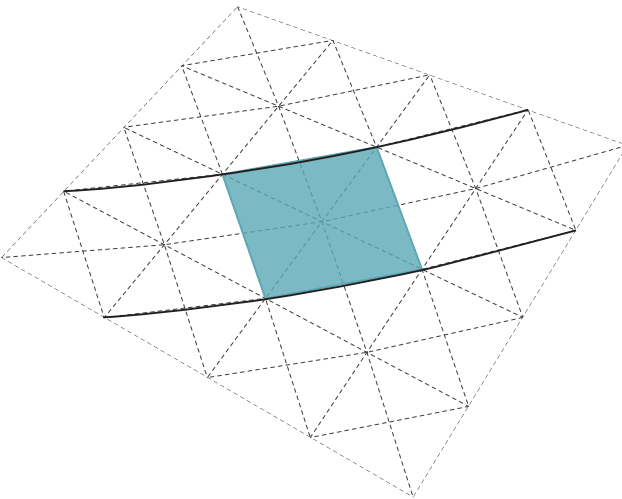The intersection on UV points

Connecting the UV points diagonally
The result will be PolyLines or Nurbs Curves

Flat Quad Panels
Connecting the UV points diagonally results in
flat panels with no gap in between

Flat Panel & Curvature of the Curved Surface

Deviation of Flat Panel from the Cuved Surface