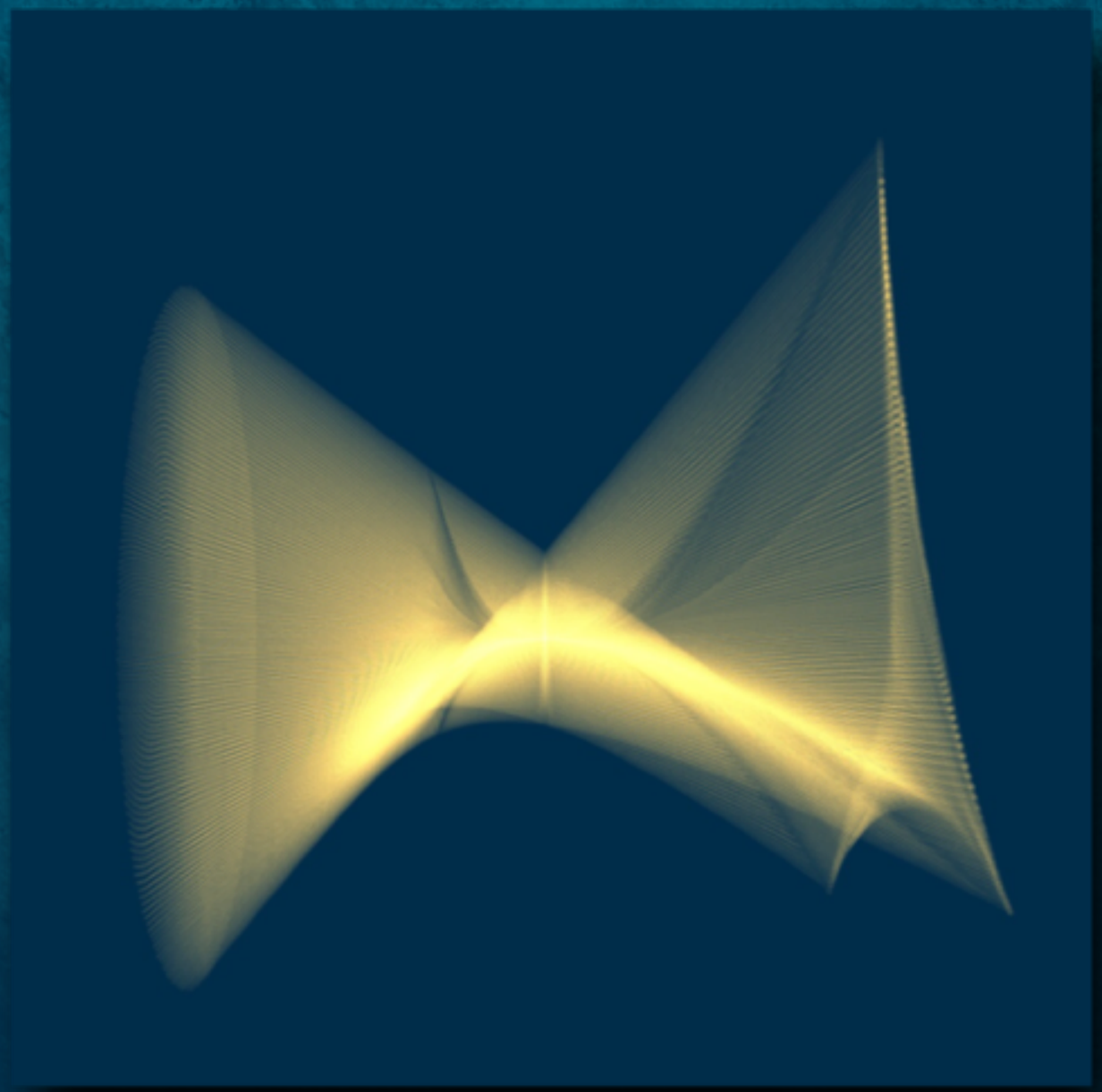
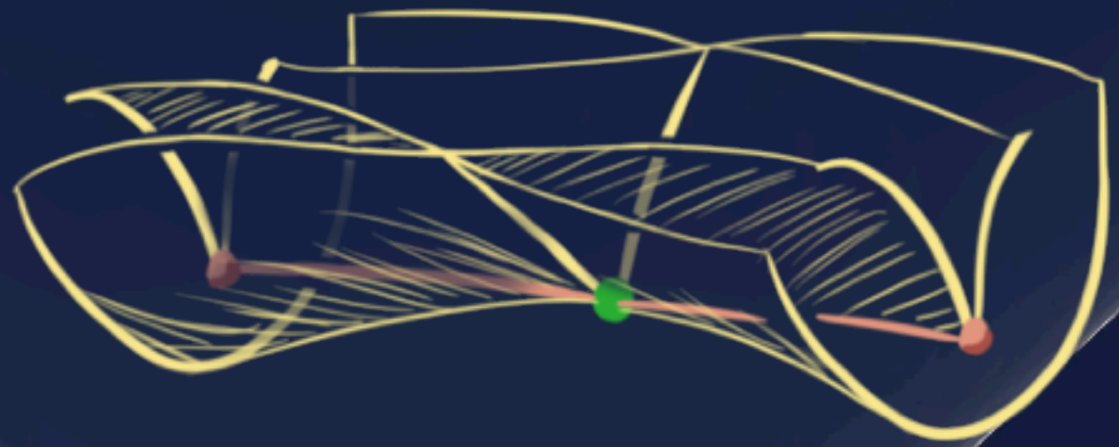
3D elliptic umbilic



https://openprocessing.org/sketch/2353684

Hyperbolic umbilic



"Purse"