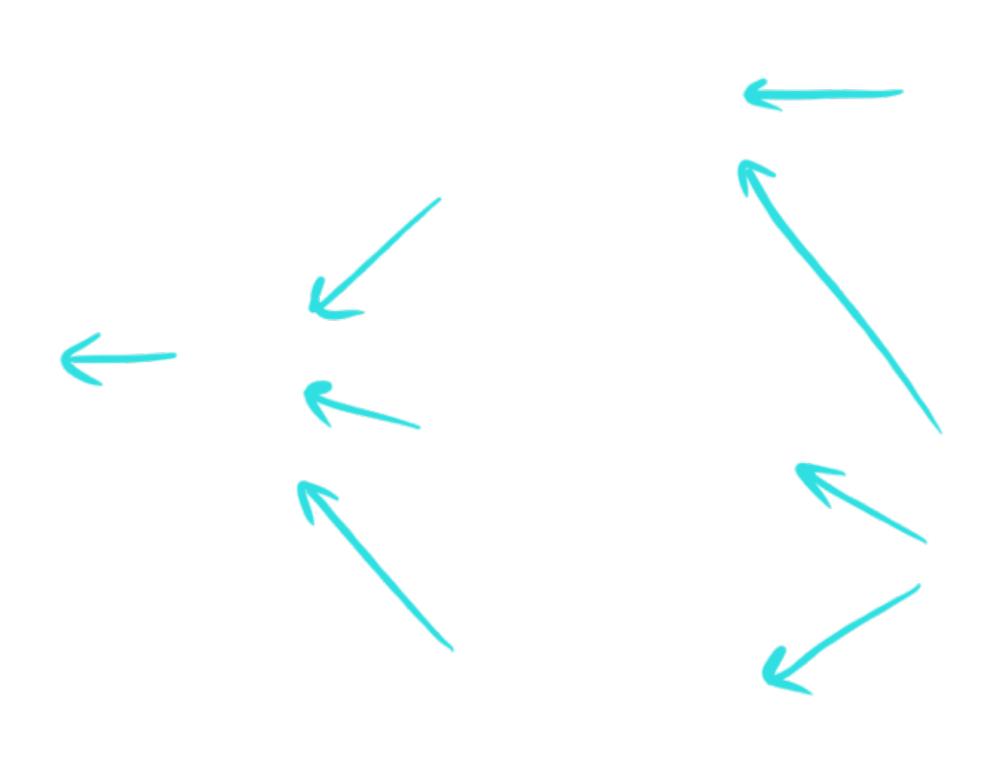


The Caustic)
(Managerie



10:

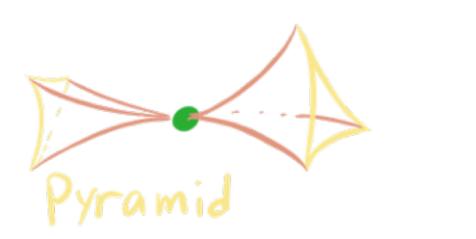
fold

2D:



3D:

swallow tail

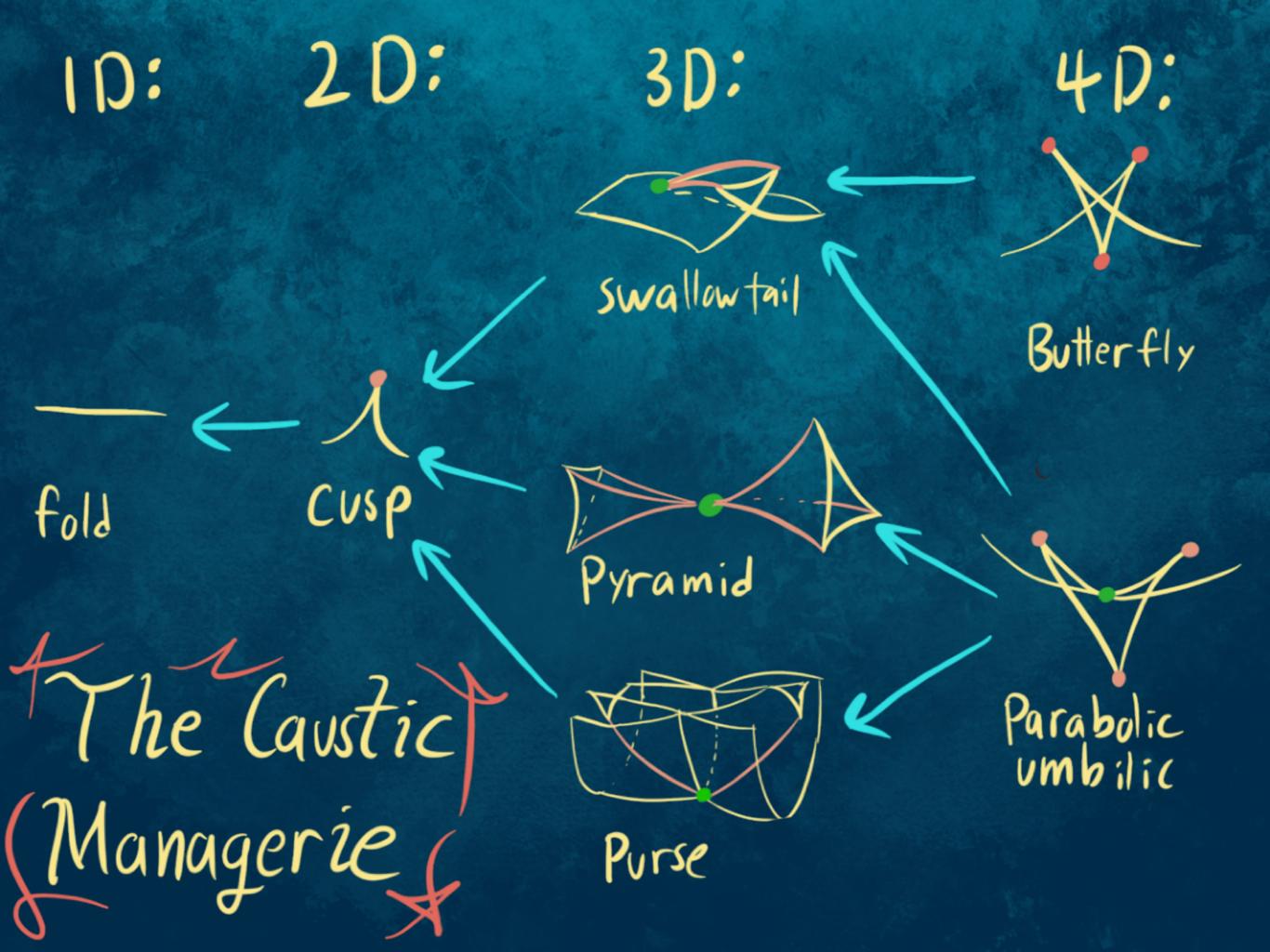




4P:

Butterfly

Parabolic umbilic



Vignette 3:

Catastrophe theory's Great catrastophe