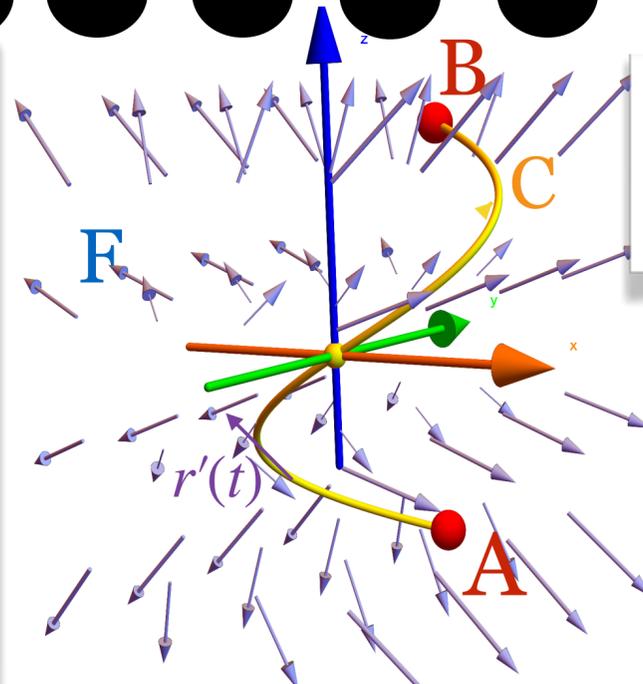


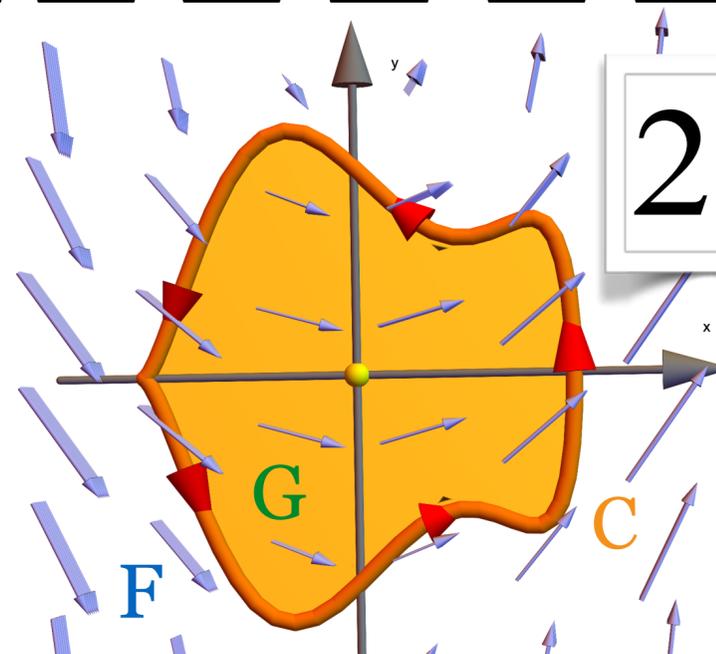
Line Integral Theorem



22

$$\int_C \nabla f \cdot dr = f(B) - f(A)$$

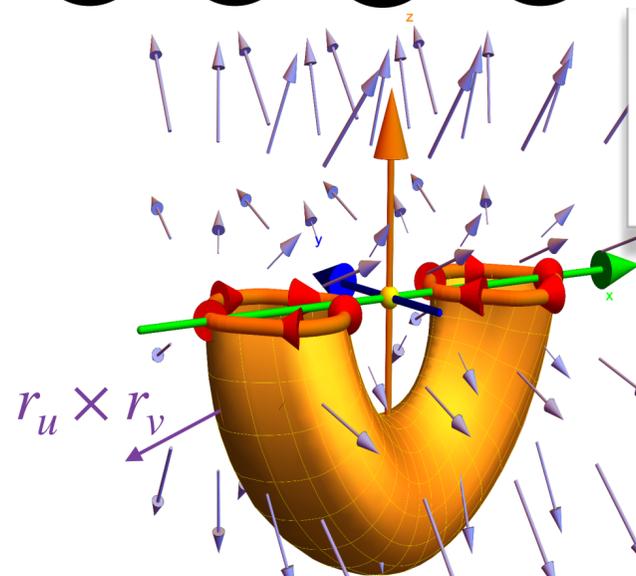
Green's Theorem



22

$$\iint_G \text{curl}(F) \, dA = \int_C F \cdot dr$$

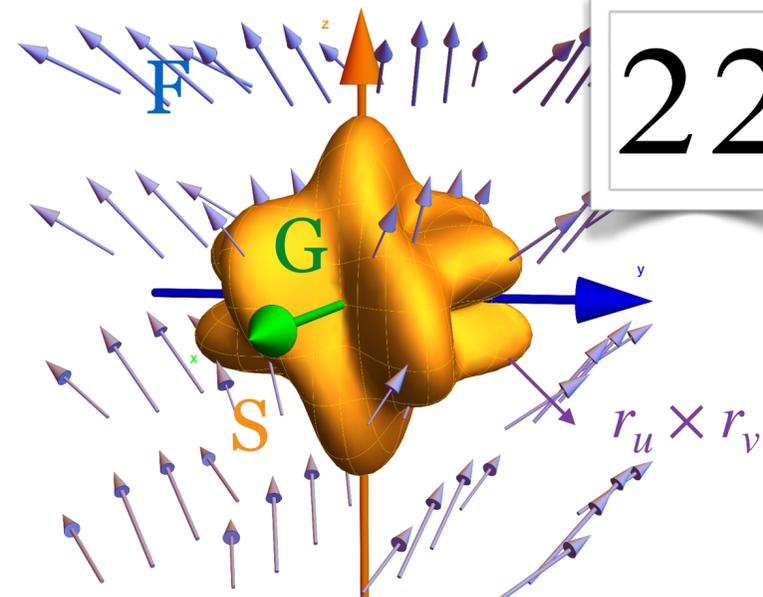
Stokes Theorem



22

$$\iint_S \text{curl}(F) \cdot dS = \int_C F \cdot dr$$

Divergence Theorem



22

$$\iiint_G \text{div}(F) \, dV = \iint_S F \cdot dS$$