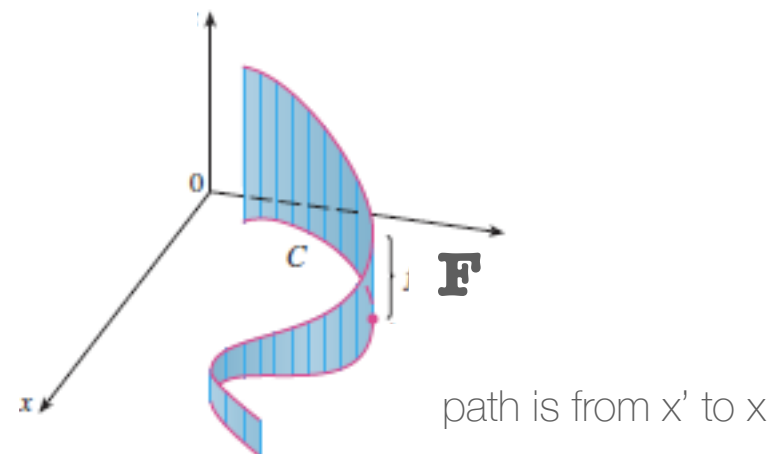


$$\text{IntegratedGrads}_i(x) ::= (x - x') \times \int_{\alpha=0}^1 \frac{\overset{\text{baseline}}{\partial F(x' + \alpha \times (x - x'))}}{\overset{\text{input}}{\partial x_i}} d\alpha$$

where $\frac{\partial F(x)}{\partial x_i}$ is the gradient of F along the i^{th} dimension at x .



Riemann Sums



**20-300 steps is enough to estimate true attribution
within 5%**