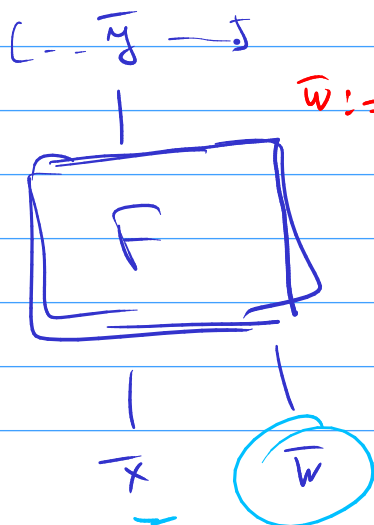
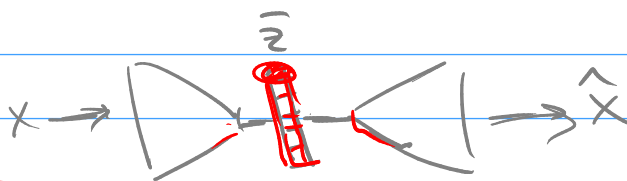


Hand-drawn diagram illustrating the L2 distance between an input vector x and its encoding $\text{Enc}(x)$. A red wavy line represents the input space. A purple box represents the encoding space. A purple arrow points from a point in the input space to a point in the encoding space. A dashed purple line connects the two points, representing the L2 distance. The formula $\| \text{Dec}(\text{Enc}(x)) - x \|_2$ is written below the diagram.

$$\| \text{Dec}(\text{Enc}(\bar{x})) - \bar{x} \|_2^2$$

[illegible]

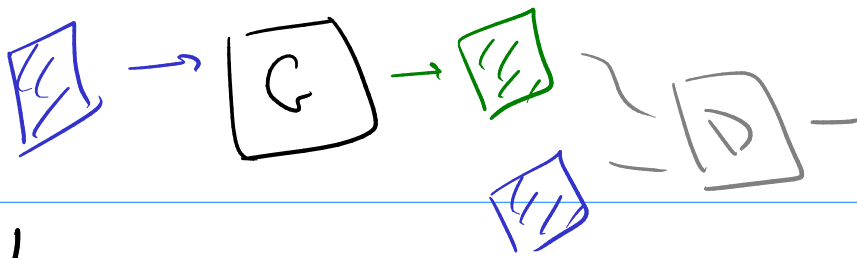
Disentanglement



$$\bar{w} := -\eta \nabla_{\bar{w}} L(F(\bar{x}, \bar{w}), \bar{y})$$

$$\bar{x} := -\eta \nabla_{\bar{x}} L(f(\bar{x}, \bar{w}), \bar{y})$$

pix2pix



CycleGAN

