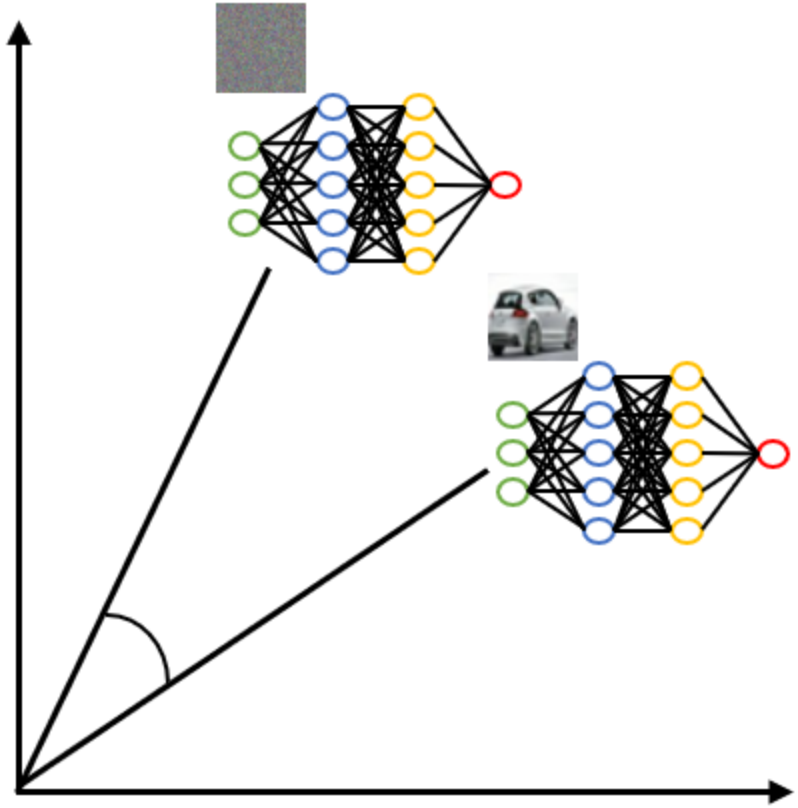
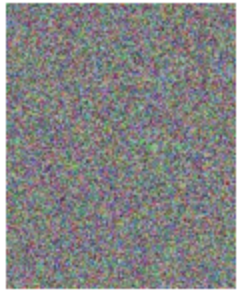
Minimize the difference between gradient vectors
$\nabla\mathcal{L}(x_i, y_i)$ and $\nabla\mathcal{L}(x_i', y_i)$



Extraction

Dummy data



Hidden data

$$cossim = \frac{\nabla\mathcal{L}(x_i, y_i) \cdot \nabla\mathcal{L}(x_i', y_i)}{\max(\| \nabla\mathcal{L}(x_i, y_i) \| \cdot \| \nabla\mathcal{L}(x_i', y_i) \|, \epsilon)}$$