Orthogonalization:

What to tune to achieve what effect.

Orthogonal control:
change in one control does not affect the other.

Chain of assumptions in ML:

early stopping
- Fit training set well on cost function
  - use bigger Network, Adv. Opti.
- Fit Dev set " " "
  - Regularization, Bigger training set
- Fit test set " " "
  - bigger dev set
- Perform well in real world.
  - change dev set
  - change cost function