

*“A machine with too much capacity is like a botanist with a photographic memory who, when presented with a new tree, concludes that it is not a tree because it has a different number of leaves from anything she has seen before; a machine with too little capacity is like the botanist’s lazy brother, who declares that if it’s green, it’s a tree.*

*Neither can generalize well.”*

*(C. Burges, “A tutorial on support vector machines for pattern recognition”)*