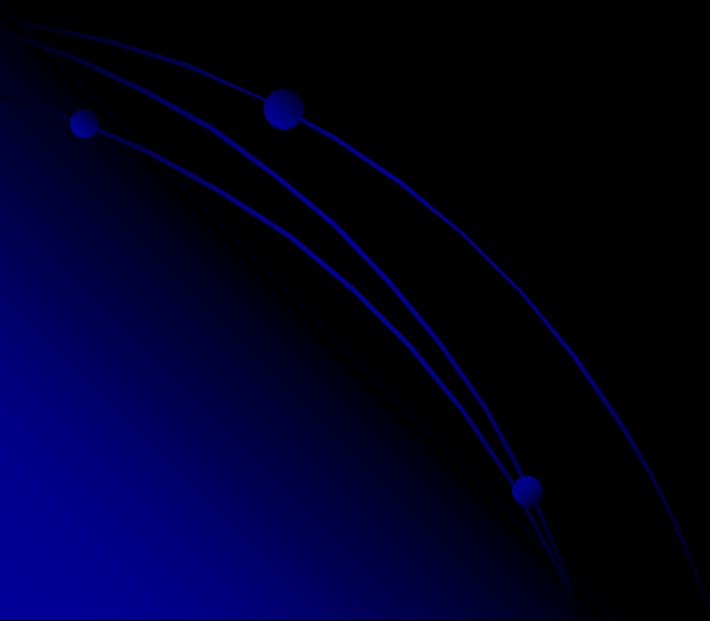
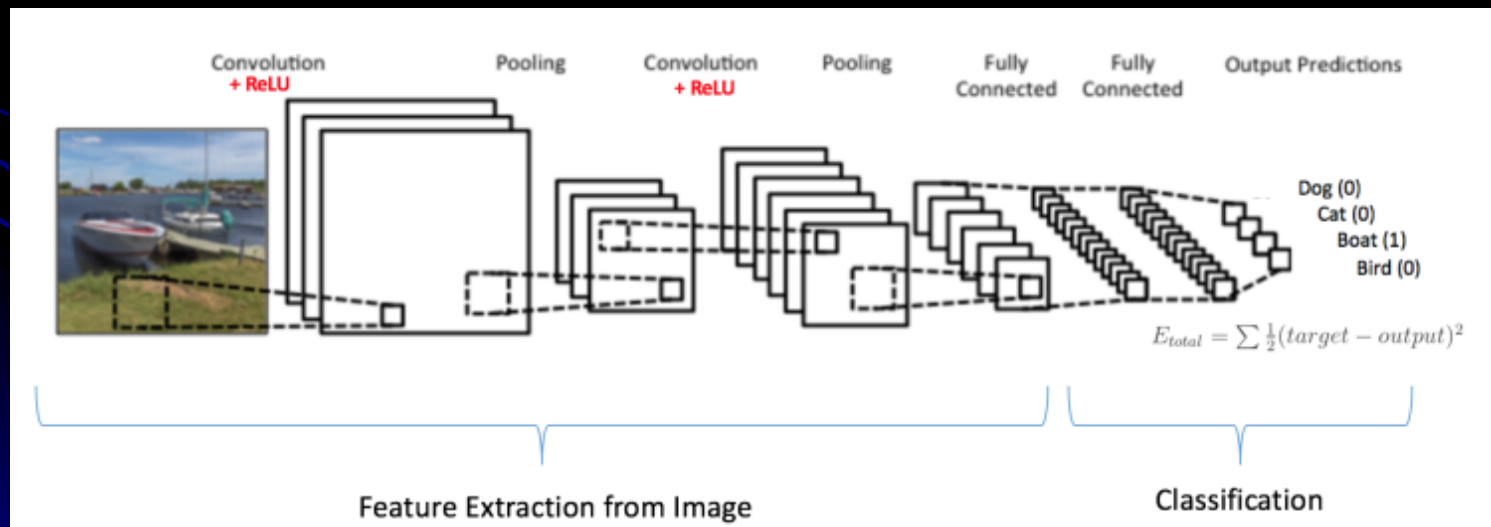


# Konvolučné siete



# Lahký úvod

<https://ujjwalkarn.me/2016/08/11/intuitive-explanation-convnets/>



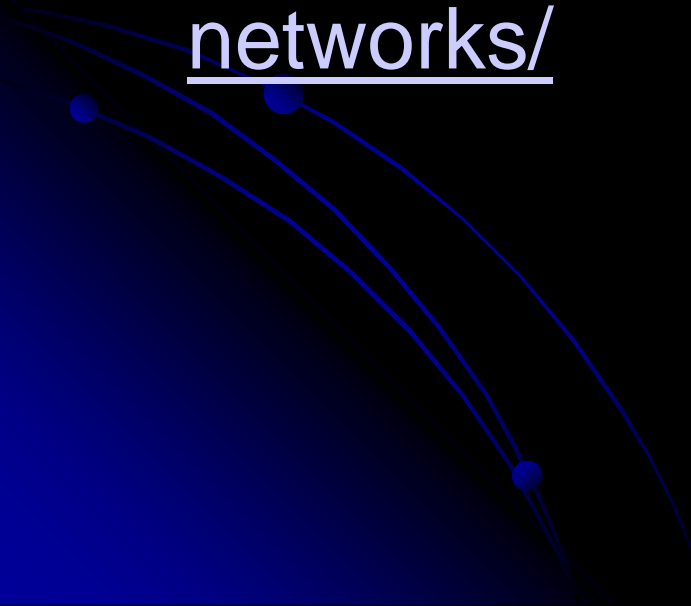
# Trocha hlubší pohľad

Kurz na Stanforde

<http://cs231n.github.io/>

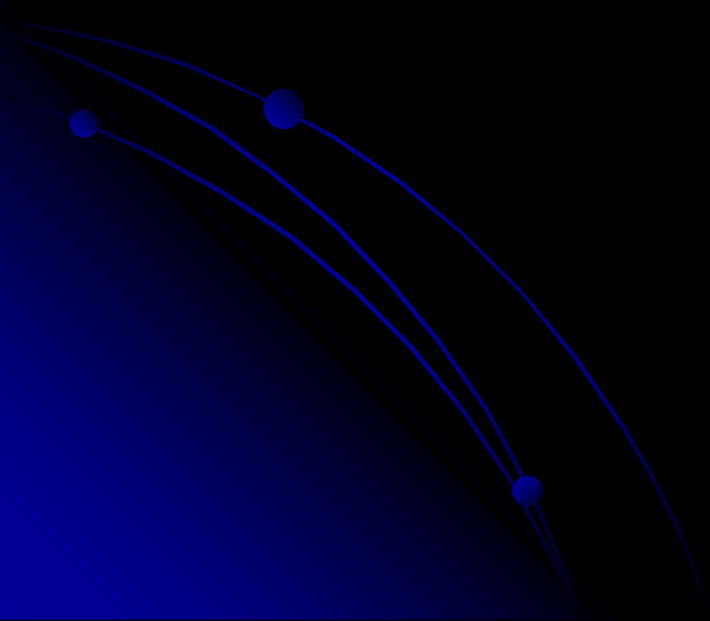
Module 2: Convolutional Neural Networks

<http://cs231n.github.io/convolutional-networks/>



# Odvodenie gradientov

<http://www.iro.umontreal.ca/~lisa/pointeurs/convolution.pdf>



# Tipy

Článok poskytuje tipy ako voliť niektoré parametre siete

<https://jhui.github.io/2017/03/16/CNN-Convolutional-neural-network/>

+ TF implementácia



# Príklady

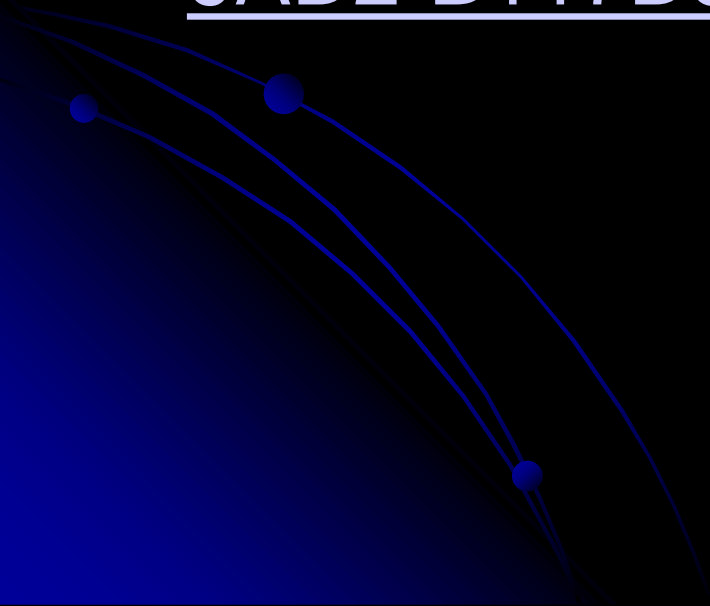
<https://adeshpande3.github.io/adeshpande3.github.io/The-9-Deep-Learning-Papers-You-Need-To-Know-About.html>

Možno pozrieť aj prvé 2 úvodné stránky



# Transfer learning

<http://papers.nips.cc/paper/5347-how-transferable-are-features-in-deep-neural-networks.pdf?CFID=26289198&CFTOKEN=84d8ea940a324c16-4331772F-EA20-9AD2-B117D82550FE7351>



# Nepovinné

100-stranový prehľad existujúcich riešení  
pre klasifikáciu obrazu

[https://www.mitpressjournals.org/doi/pdf/10.1162/neco\\_a\\_00990](https://www.mitpressjournals.org/doi/pdf/10.1162/neco_a_00990)

