

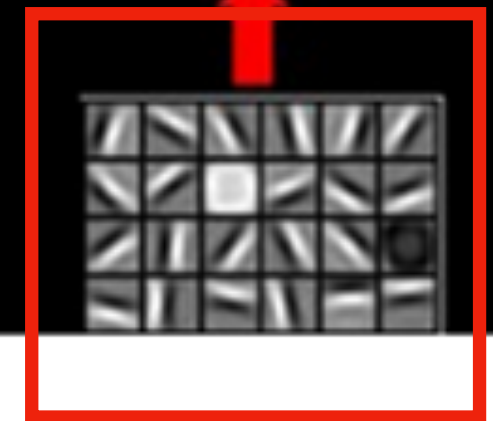
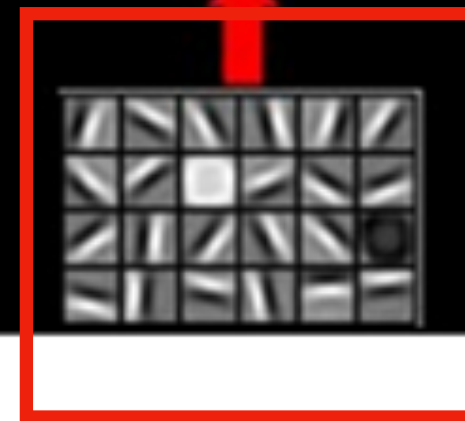
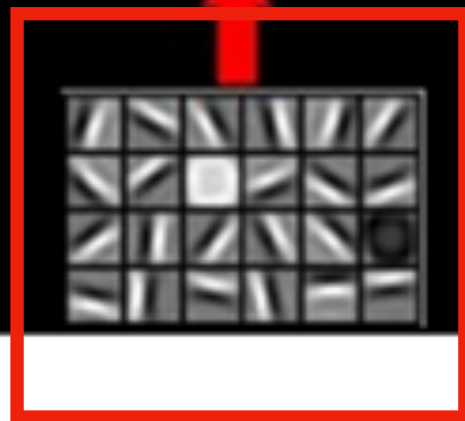
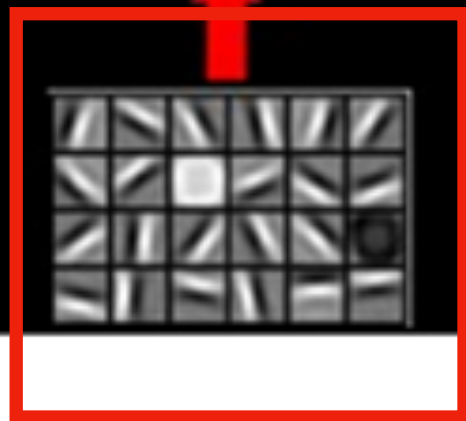
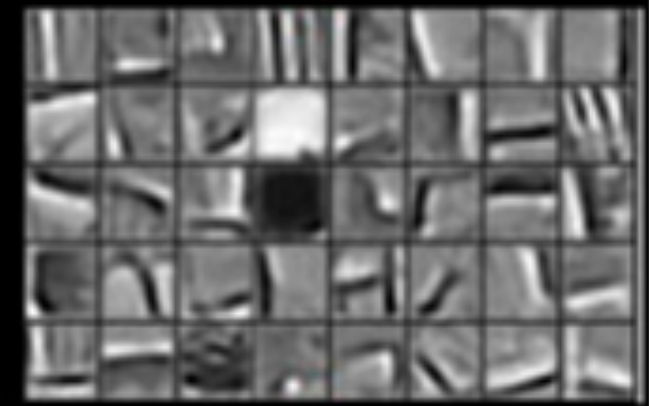
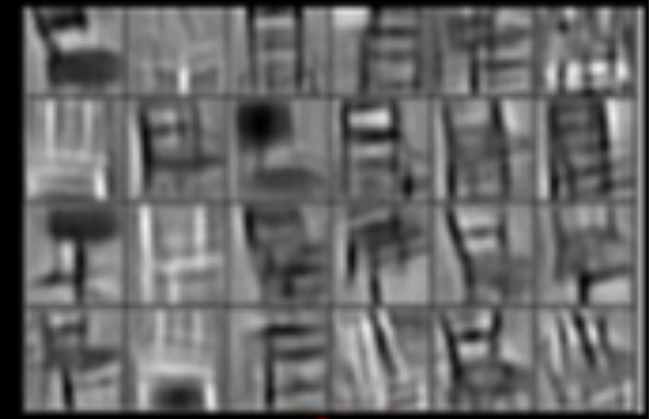
# Transfer Learning

Faces

Cars

Elephants

Chairs



Source

<https://stats.stackexchange.com/questions/146413/why-convolutional-neural-networks-belong-to-deep-learning/146476>

Lee et al., Convolutional Deep Belief Networks for Scalable Unsupervised Learning of Hierarchical Representations

# Image Net

# Image Net

**14.197.122 images**

**27 (high level) classes**

**21.841 (sub level) classes**

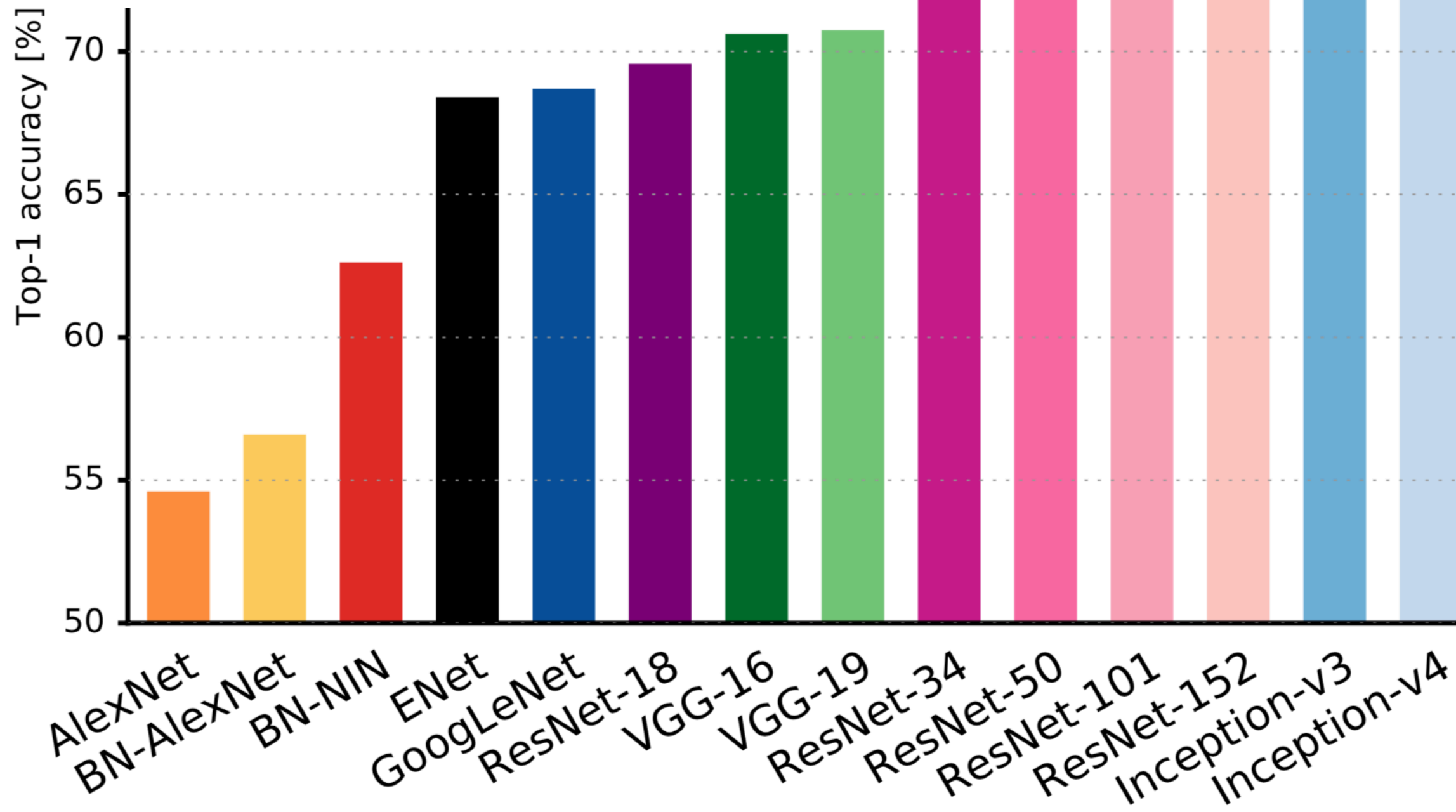
**1.034.908 bounding box annotated images**

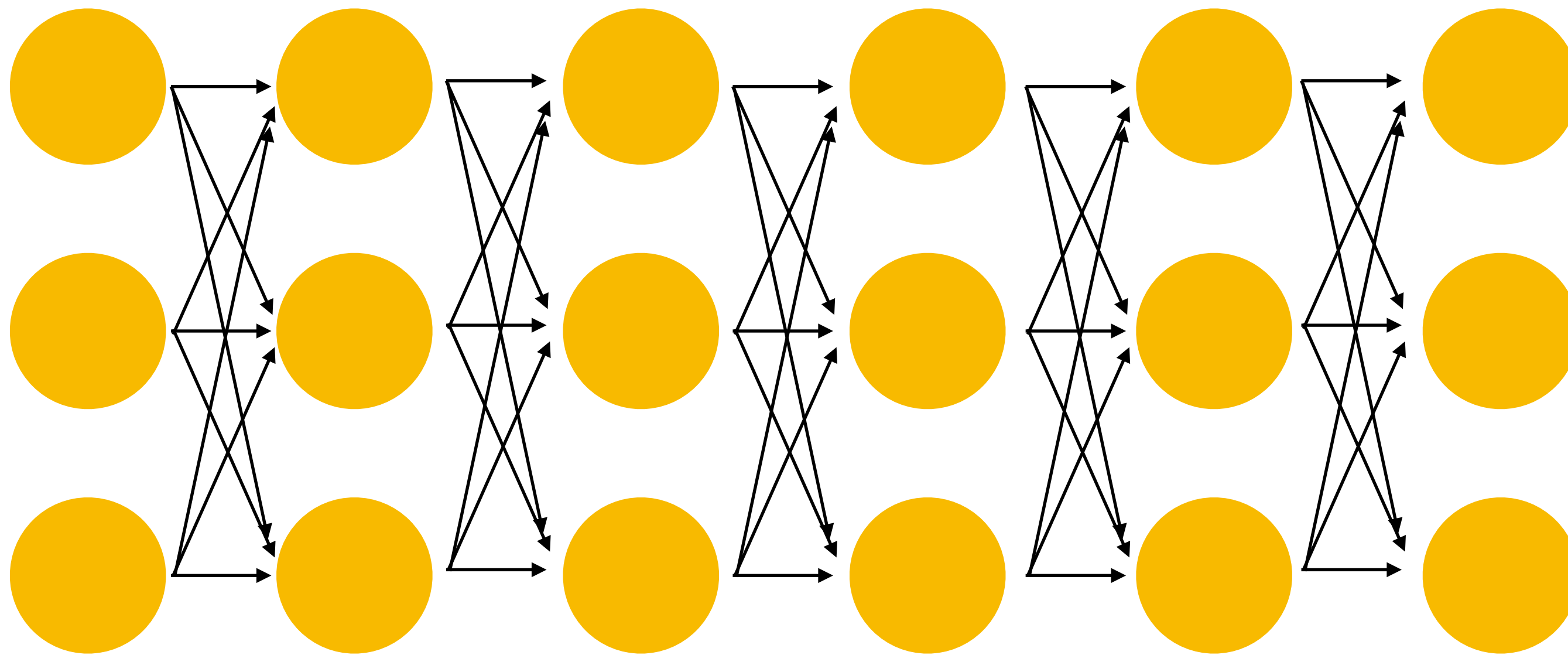
80

# AN ANALYSIS OF DEEP NEURAL NETWORK MODELS FOR PRACTICAL APPLICATIONS

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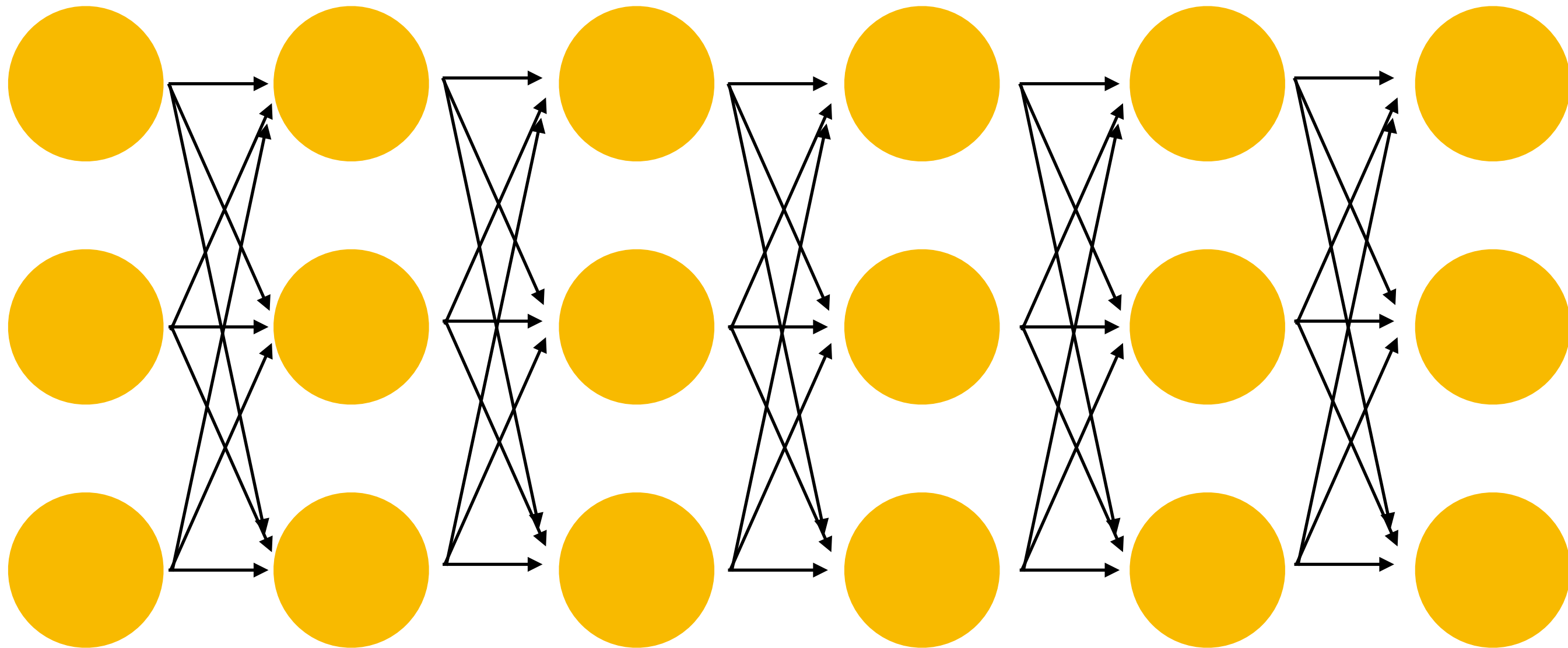
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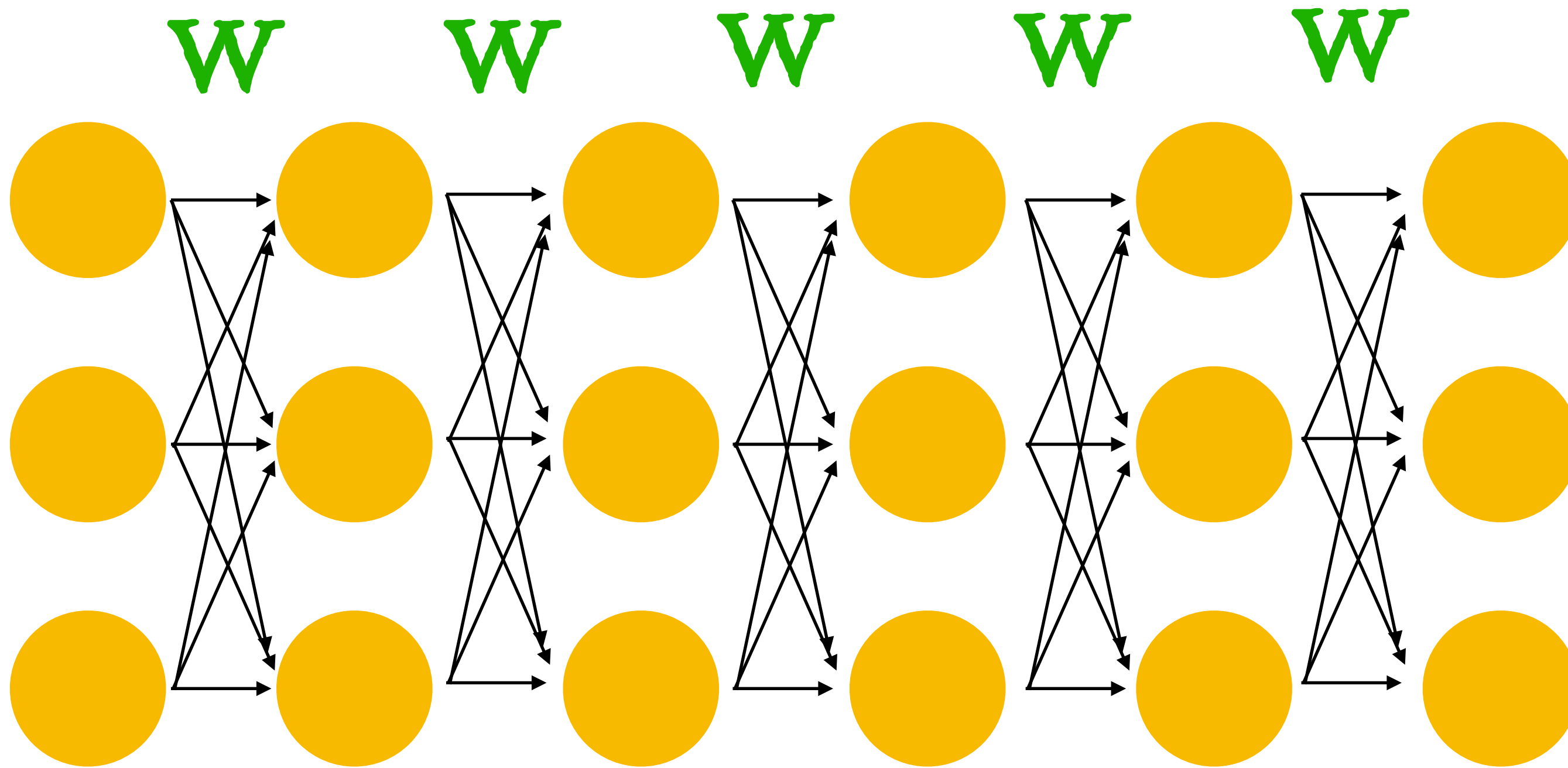
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**W**

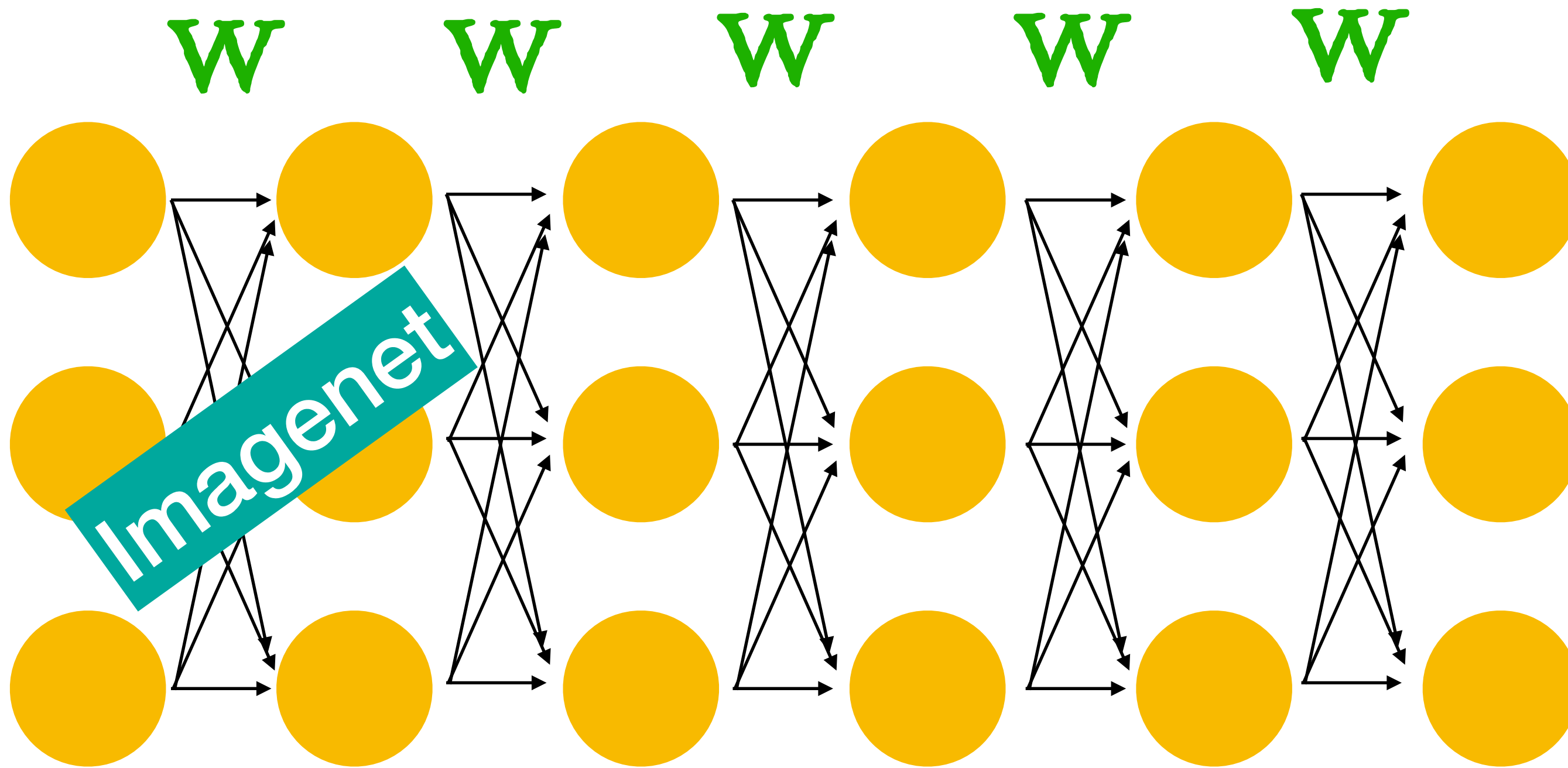
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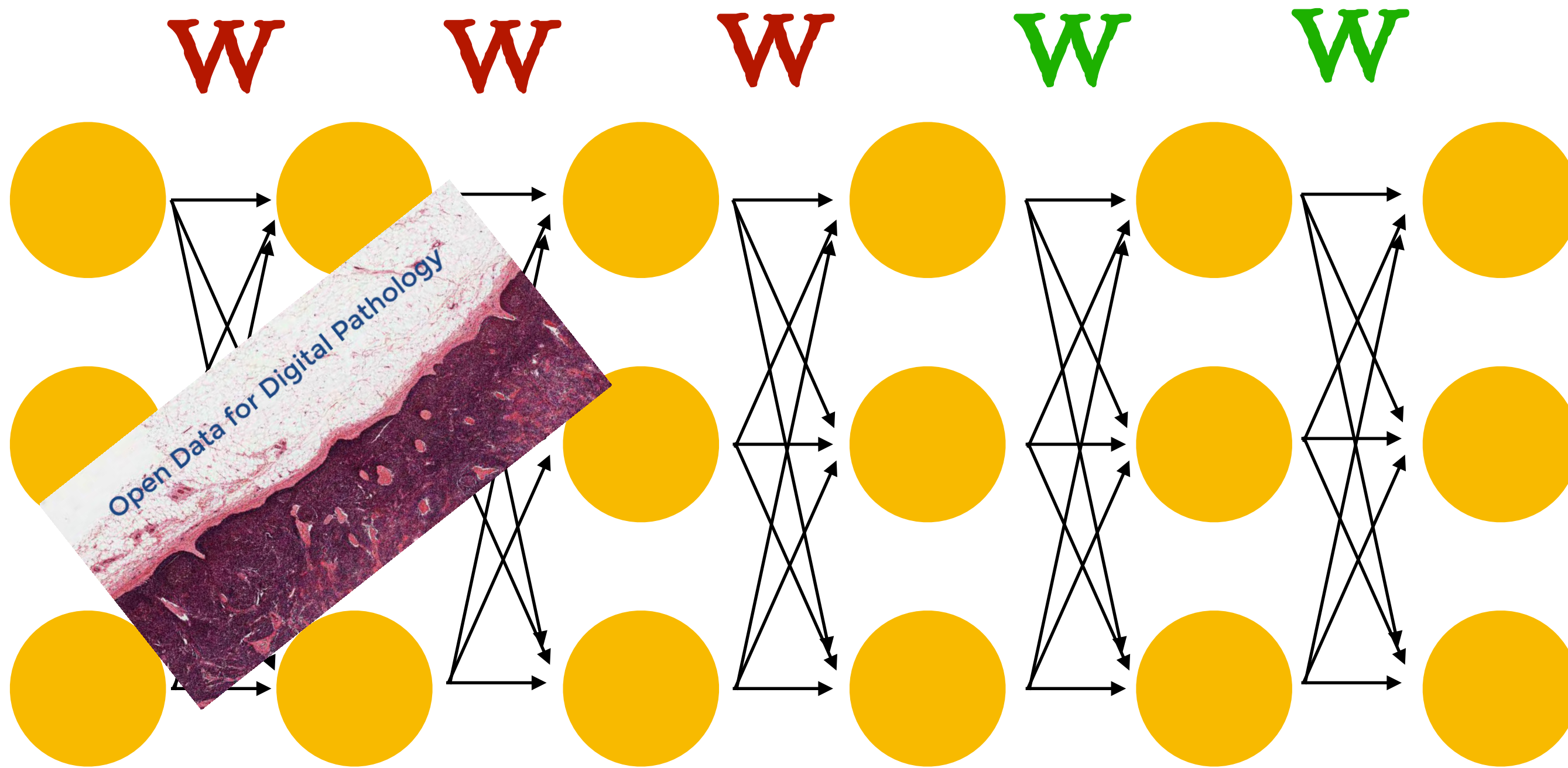
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DIGITAL HISTOLOGY, DEEP LEARNING

# USE CASE 6: INVASIVE DUCTAL CARCINOMA (IDC) SEGMENTATION

NOVEMBER 9, 2015

CHOOSEHAPPY

65 COMMENTS

This blog posts explains how to train a deep learning Invasive Ductal Carcinoma (IDC) classifier in accordance with our paper "Deep learning for digital pathology image analysis: A comprehensive tutorial with selected use cases".

<http://www.andrewjanowczyk.com/use-case-6-invasive-ductal-carcinoma-idc-segmentation/>