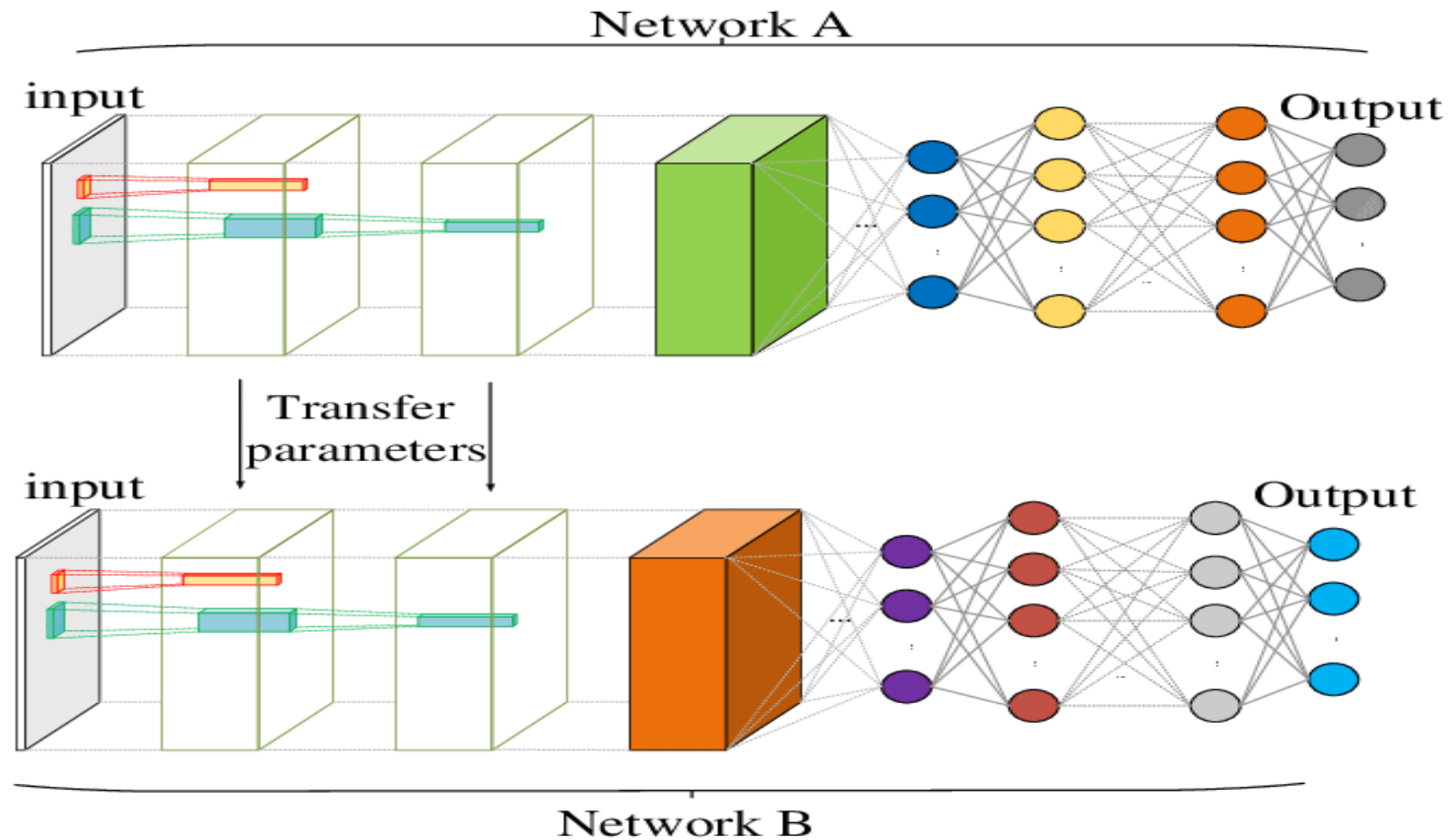


Transfer Learning



Transfer Learning in Computer Vision

Xception , VGG16 , VGG19 , ResNet50, ResNet101 , ResNet152 , ResNet50V2 , ResNet101V2 , ResNet152V2 , InceptionV3 , InceptionResNetV2, MobileNet , MobileNetV2, DenseNet121 , DenseNet169 , DenseNet201 , NASNetMobile , NASNetLarge , EfficientNetB0, EfficientNetB1 , EfficientNetB2 , EfficientNetB3 , EfficientNetB4 , EfficientNetB5 , EfficientNetB6 , and EfficientNetB7.

Transfer Learning in Natural Language Processing

- Word2vec (use gensim)
- fastText (use fastText library)
- BERT (use BERT model)

Transfer Learning in Speech Recognition

Conneau, A., Baevski, A., Collobert, R., Mohamed, A., & Auli, M. (2020). Unsupervised cross-lingual representation learning for speech recognition. *arXiv preprint arXiv:2006.13979*.