

Approximation of the number of Operations for Convolutional Neural Networks (CNN) VGG3 Architecture				
	Addition	Subtraction	Multiplication	Comparison
Forward Propagation	8897536	0	8897536	55488
Backward Propagation	26956096	291979	27535637	0
Total	35853632	291979	36433173	55488

Approximation of the number of Operations for Convolutional Neural Networks (CNN) VGG7 Architecture				
	Addition	Subtraction	Multiplication	Comparison
Forward Propagation	697411584	0	697411584	211584
Backward Propagation	736967936	6190091	744149013	0
Total	1434379520	291979	1441560597	211584

Approximation of the number of Operations for Fully Connected Neural Networks (FC) Architecture (784 → 2048 → 2048 → 10)			
	Addition	Subtraction	Multiplication
Forward Propagation	5820416	0	5820416
Backward Propagation	0	5825307	17471029
Total	5820416	5825307	23291445