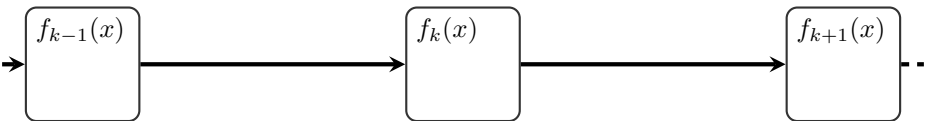
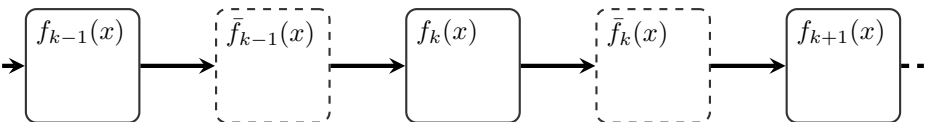


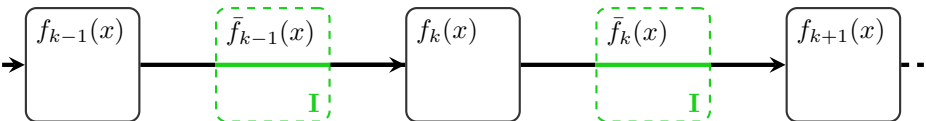
A section of the starting neural net.



Increase its depth by adding more layers.



If the extra layers learned to be identity mappings the deeper network would function identically to the original.



Shortcut connections precondition the deep network to identity mappings and train the residual

