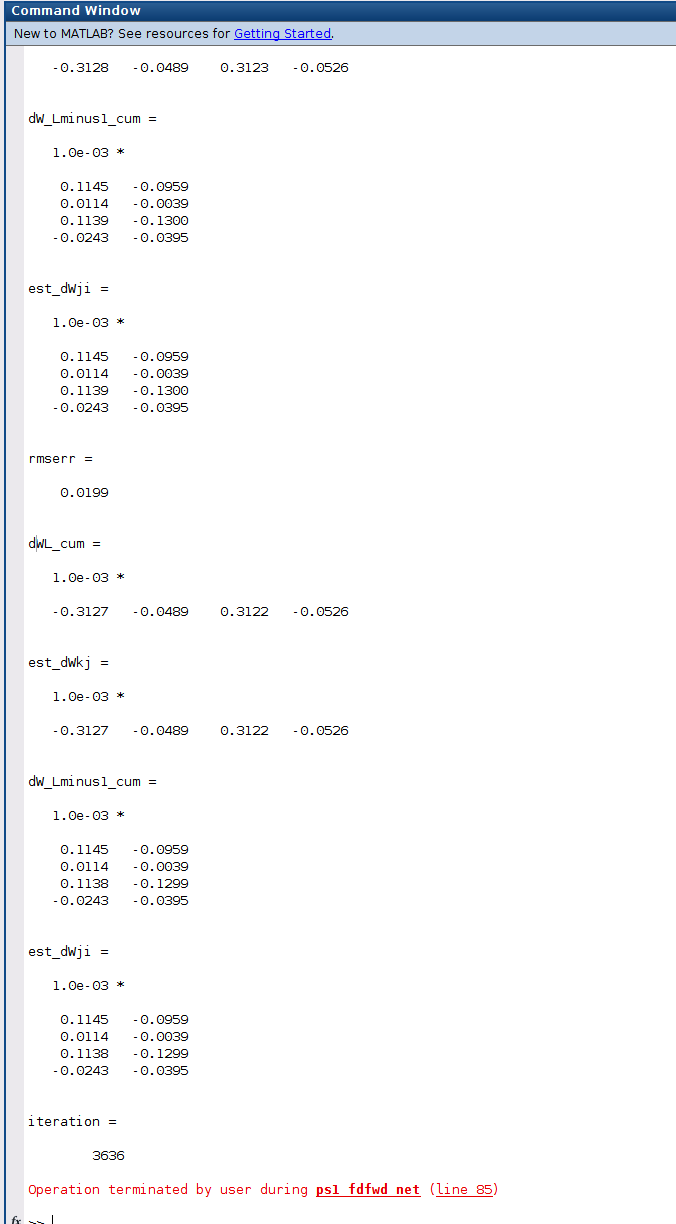
1. Prove that your analytic computation matches the values of these estimates:



1. Functional Code:

phi\_prime\_L\_vec = (outputk).\*(1-outputk); *%\* FIXed!!*

delta\_L = (phi\_prime\_L\_vec).\*(err\_vec); *%\* FIXed!!*

delta\_L\_cum=delta\_L\_cum + delta\_L;

dWL = (delta\_L).\*(outputj).'; *%\* FIXed!!*

dWL\_cum = dWL\_cum+dWL;

phi\_prime\_Lminus1\_vec = (outputj).\*(1-outputj); *%\* FIXed!!*

delta\_Lminus1 = (((Wkj).')\*delta\_L) .\* phi\_prime\_Lminus1\_vec; *%\* FIXed!!*

delta\_Lminus1\_cum = delta\_Lminus1\_cum + delta\_Lminus1;

dW\_Lminus1 = (delta\_Lminus1).\*(stim\_vec).'; *%\* FIXed!!*

dW\_Lminus1\_cum = dW\_Lminus1\_cum+dW\_Lminus1;

1. Evaluate the influence of number of interneurons and choice of epsilon for gradient-descent computations
2. Plot of work
3. Hold