

SCNS assignment 3

visual system

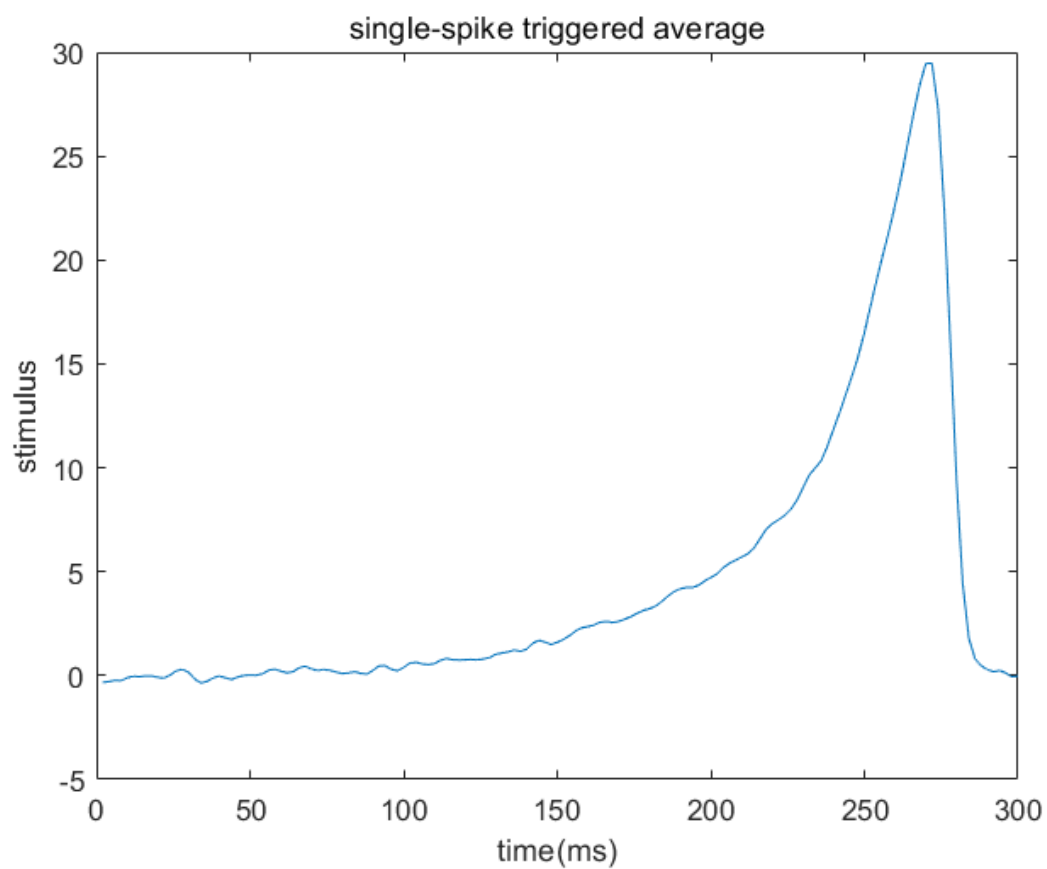
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Question 1

Part 1

Single spike triggered average stimulus is shown as below. At $300ms$ does the spike occurs.

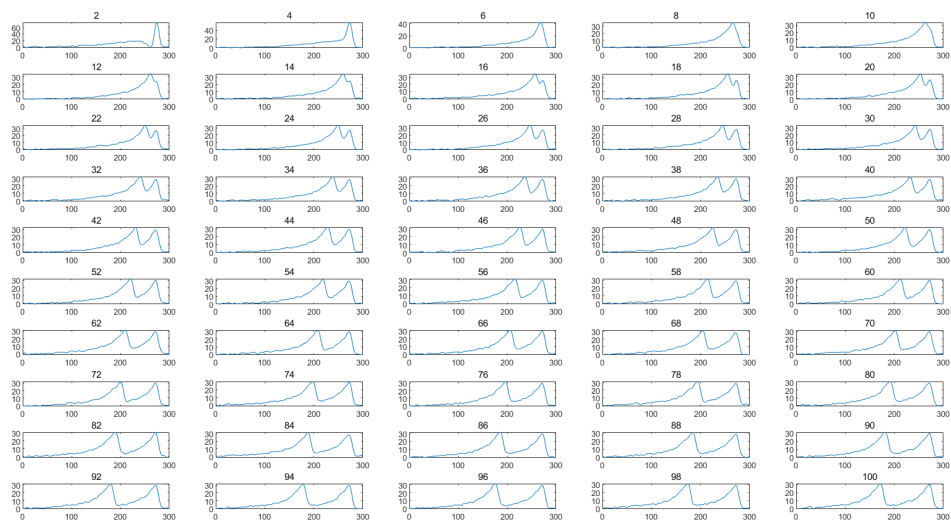
Code is attached as `SpkTrigAvg.m # Part1`.



Part 2

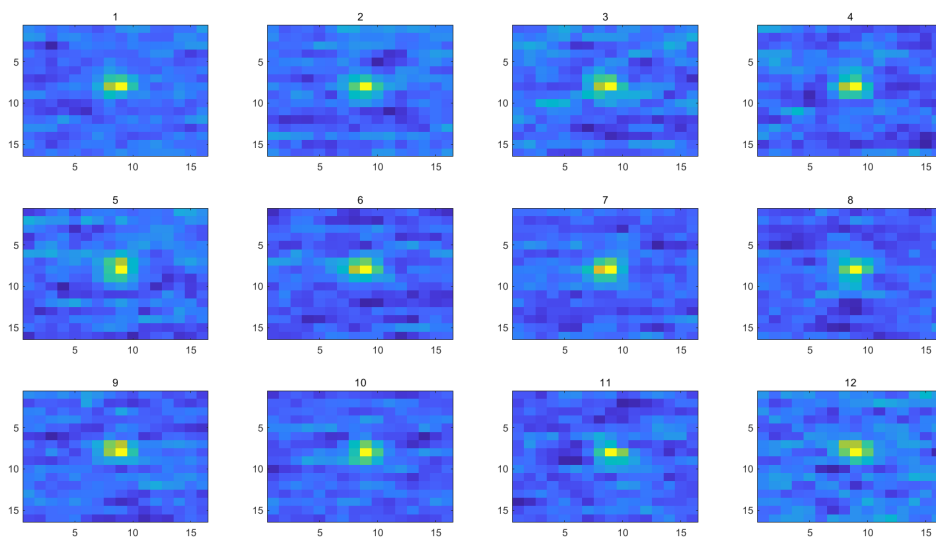
Two-spikes triggered average stimuli with various separation are shown as below. At $300ms$ does the spike occurs.

Code is attached as `SpkTrigAvg.m # Part2`.



Question 2

Averaged 2D stimuli for each of the 12 time steps. Code is attached as `LGN.m`.



将上述图在x方向进行平均，得到下图：

