Step current responce of the HH Model

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November 17, 2014

A constant current applied to the HH model produces a train of action potentials.

Three possible responces to a step current

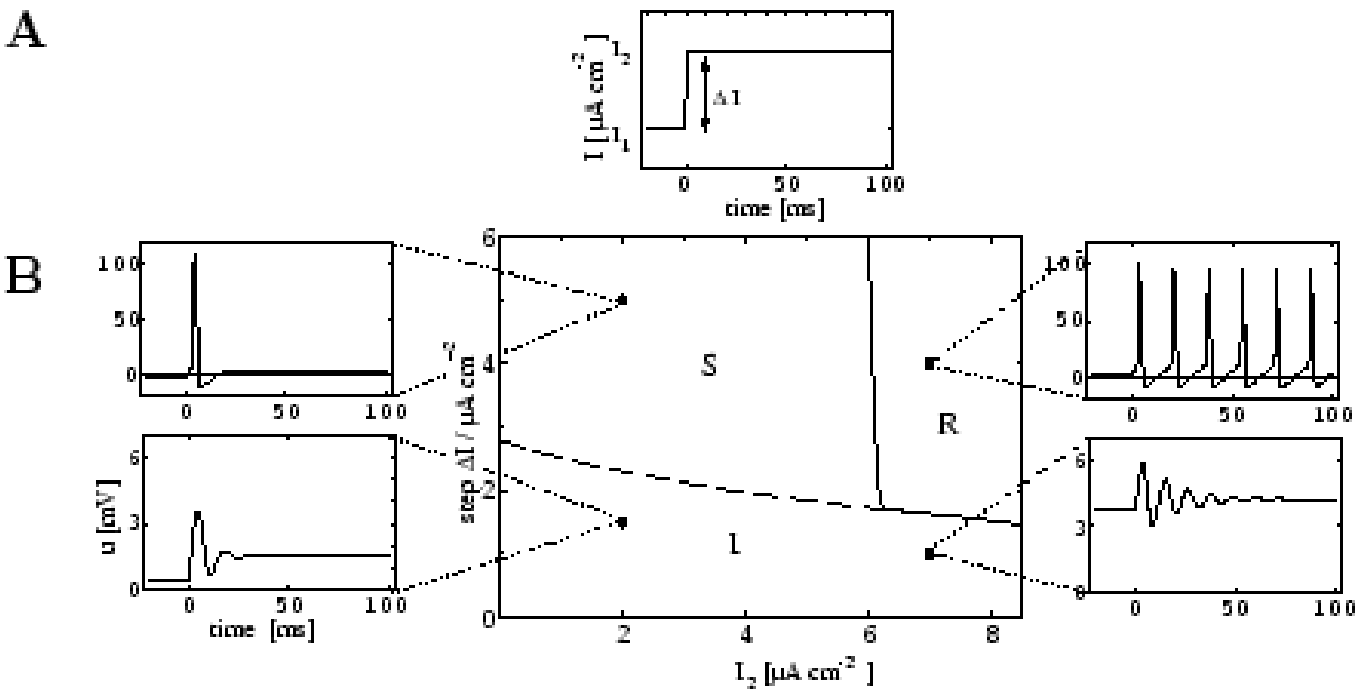


Figure : Phase diagram for stimulation with a step current.

A constant current applied to the HH model produces a train of action potentials.

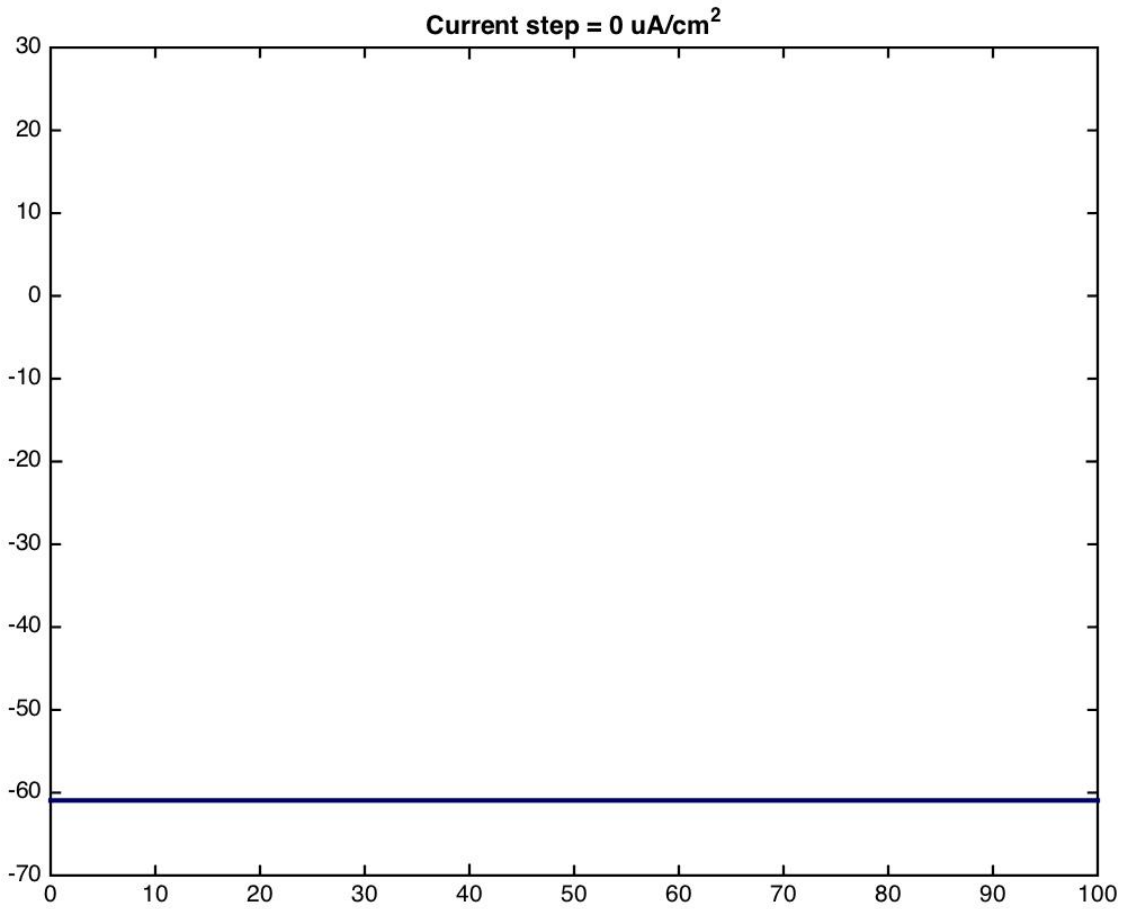
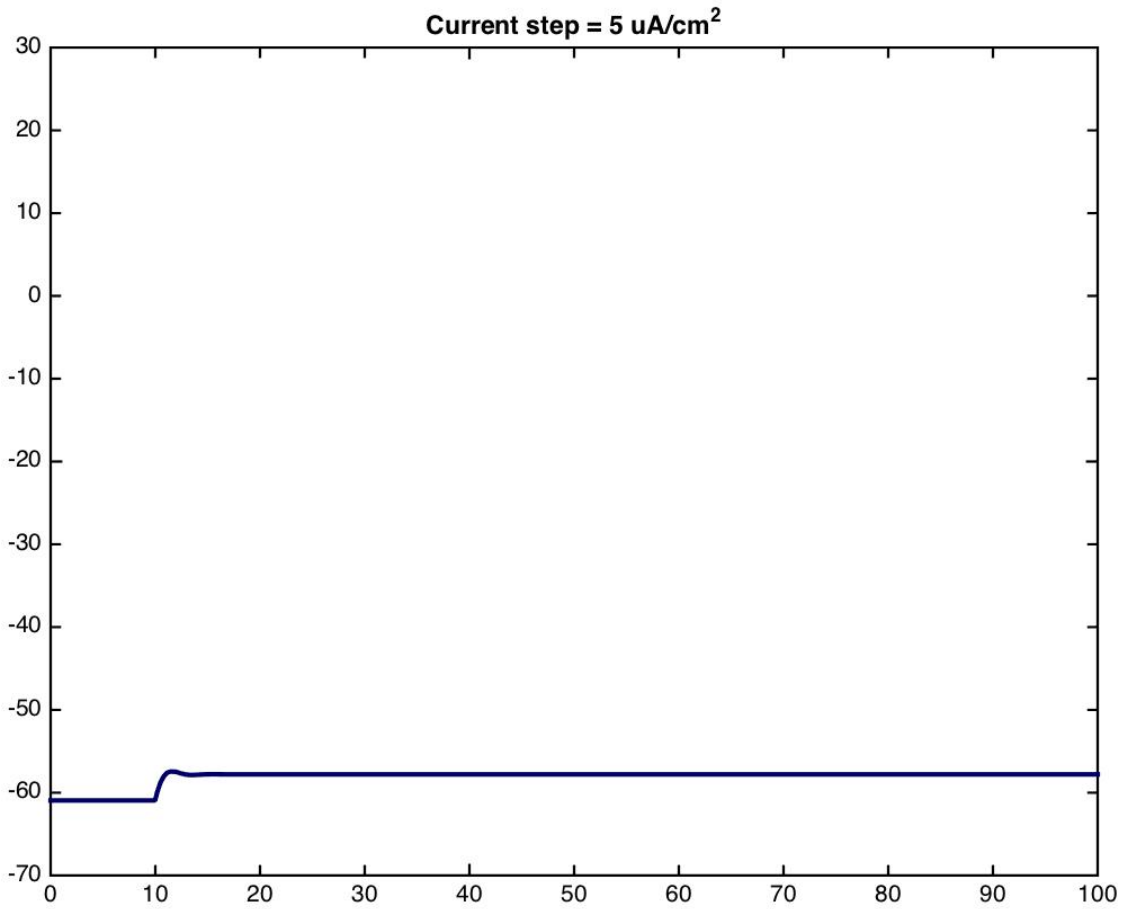


Figure : HH Models step current response starting at 0 $\mu A/cm^2$

A constant current applied to the HH model produces a train of action potentials.



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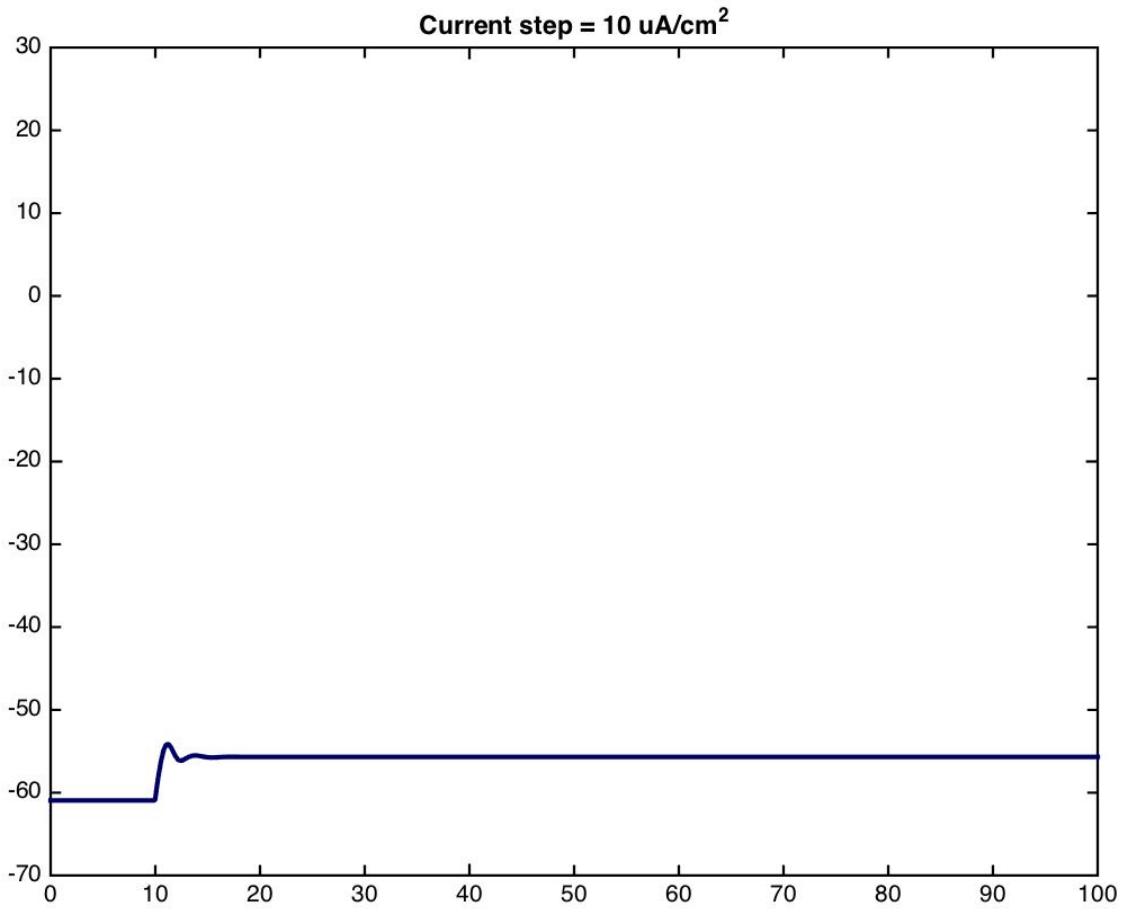

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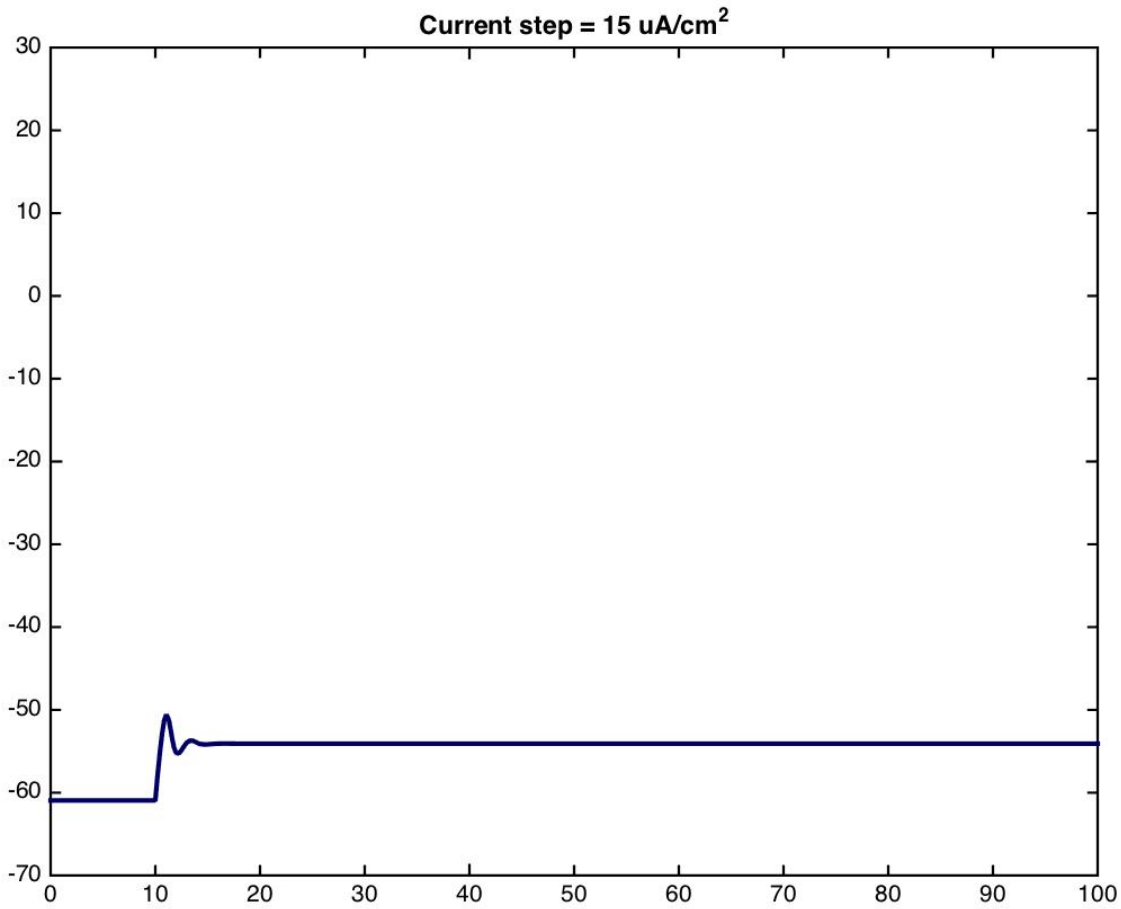

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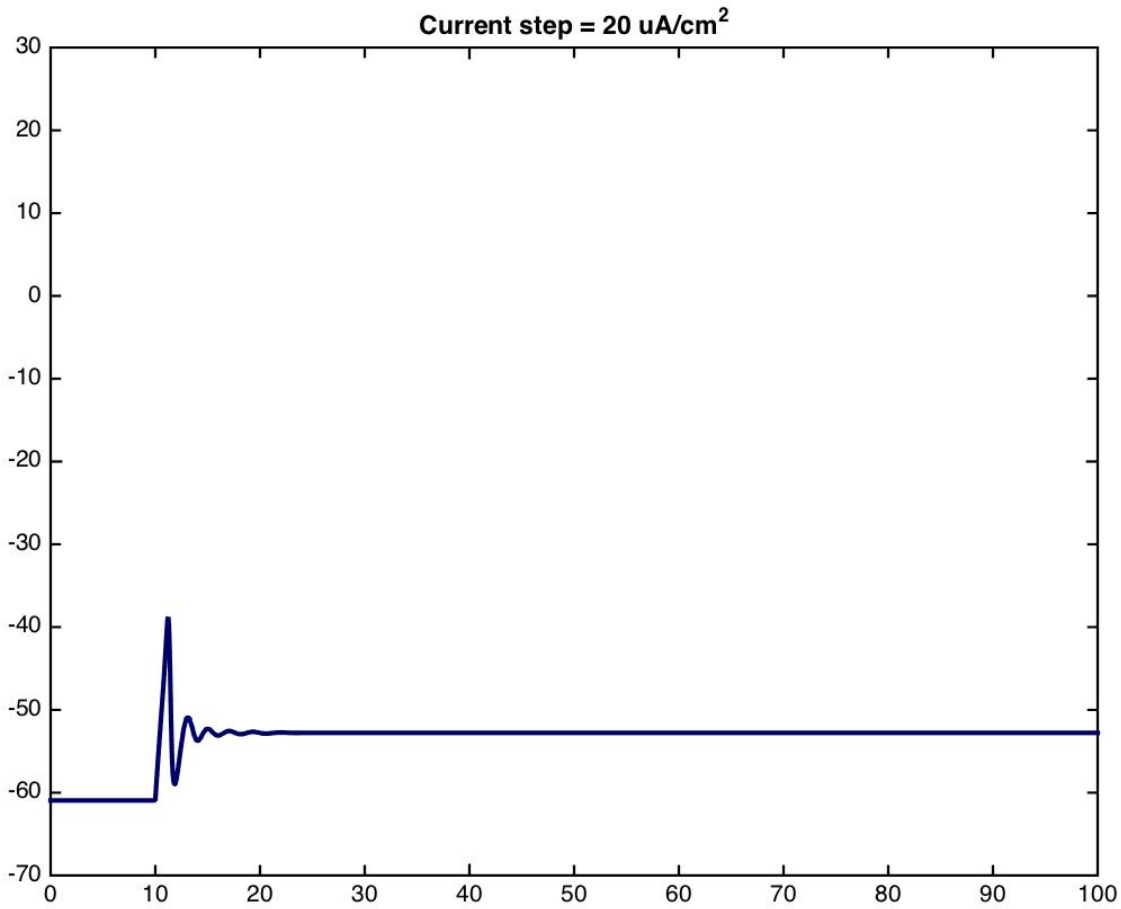

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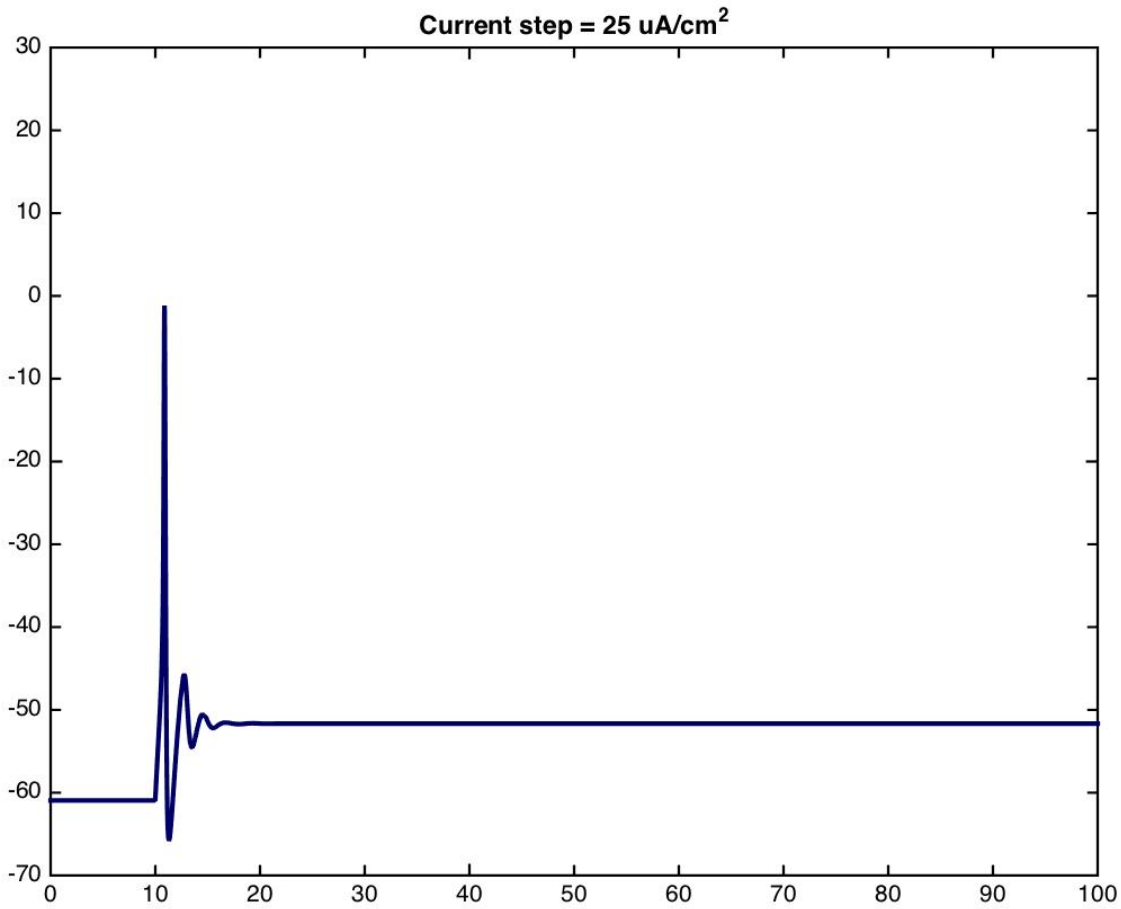

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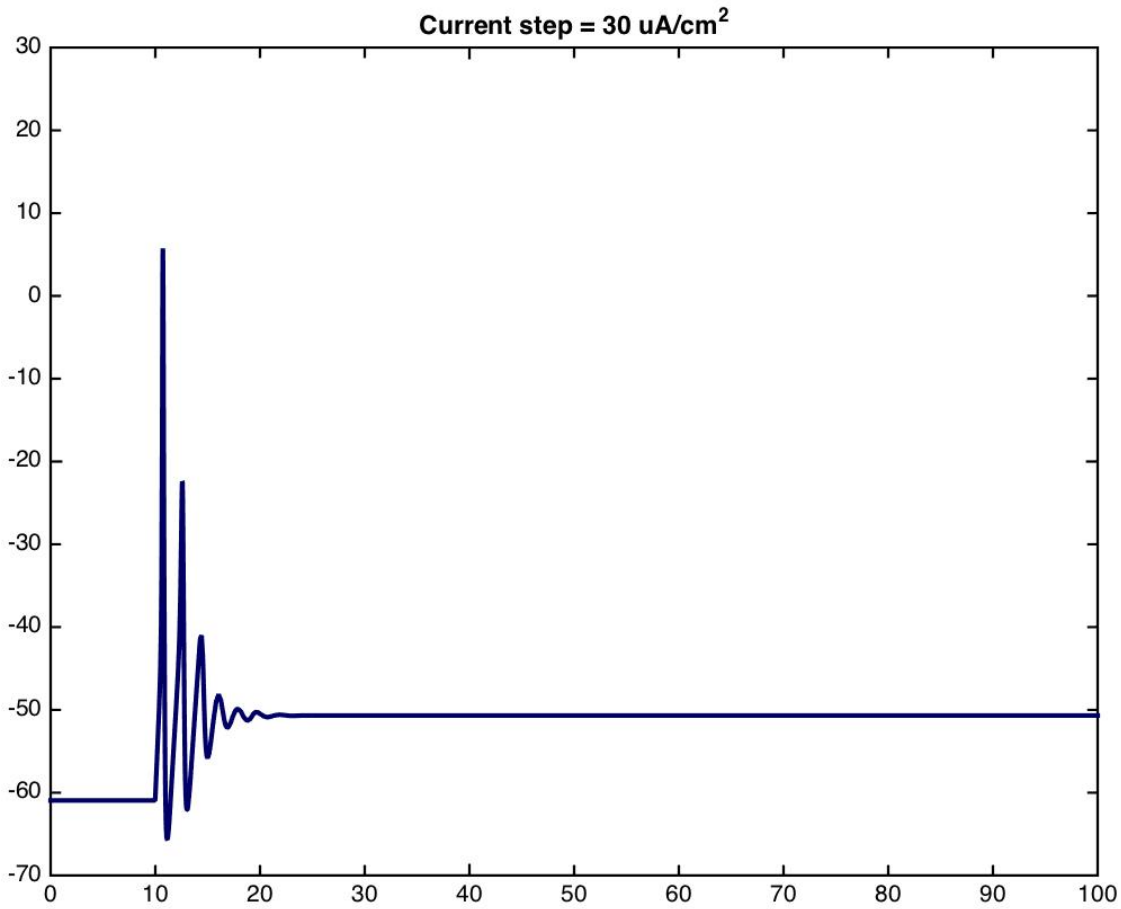

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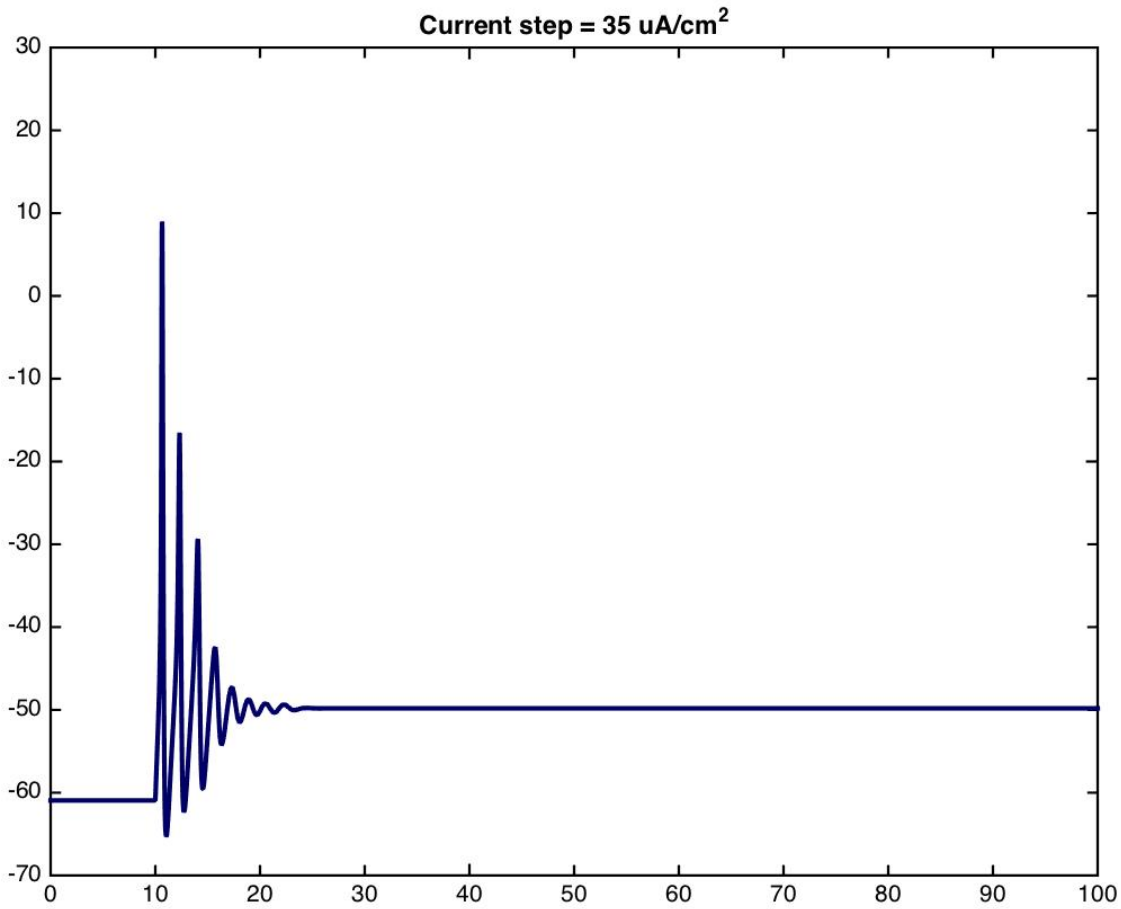

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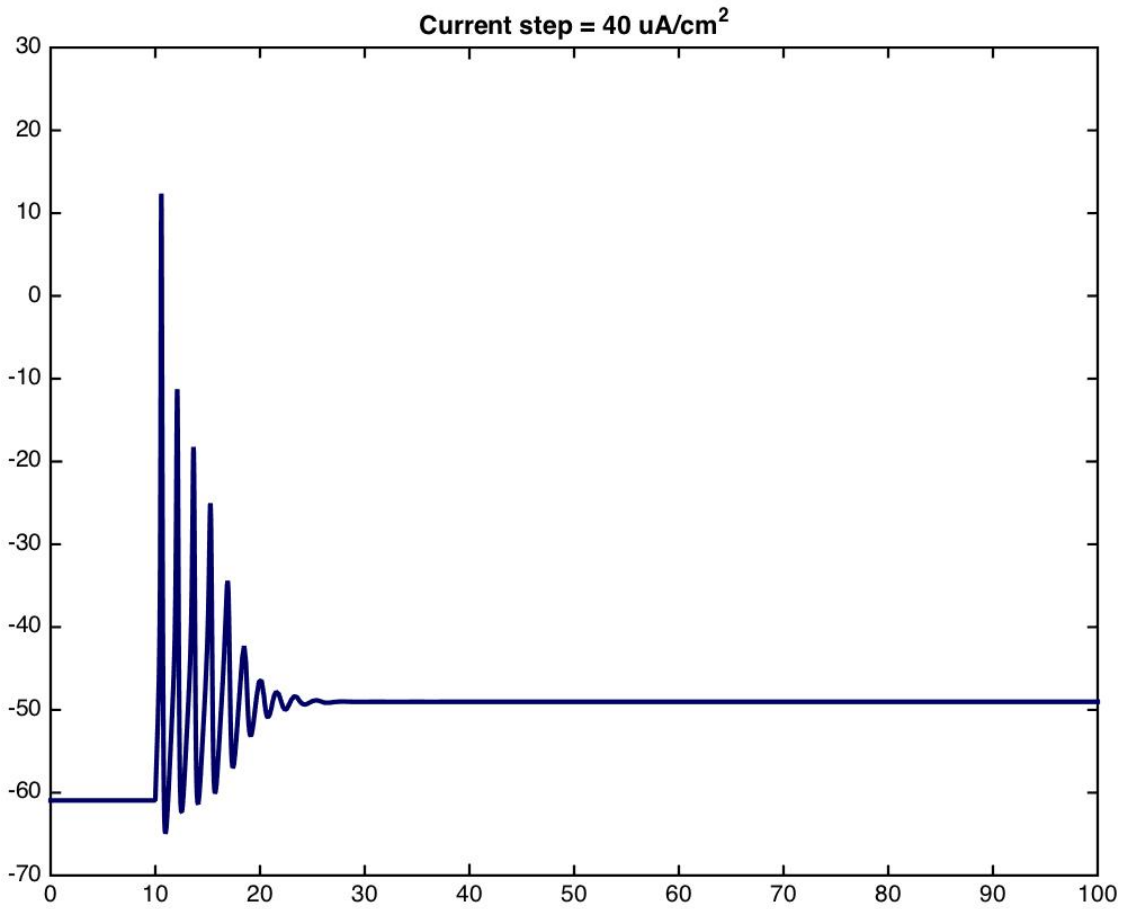

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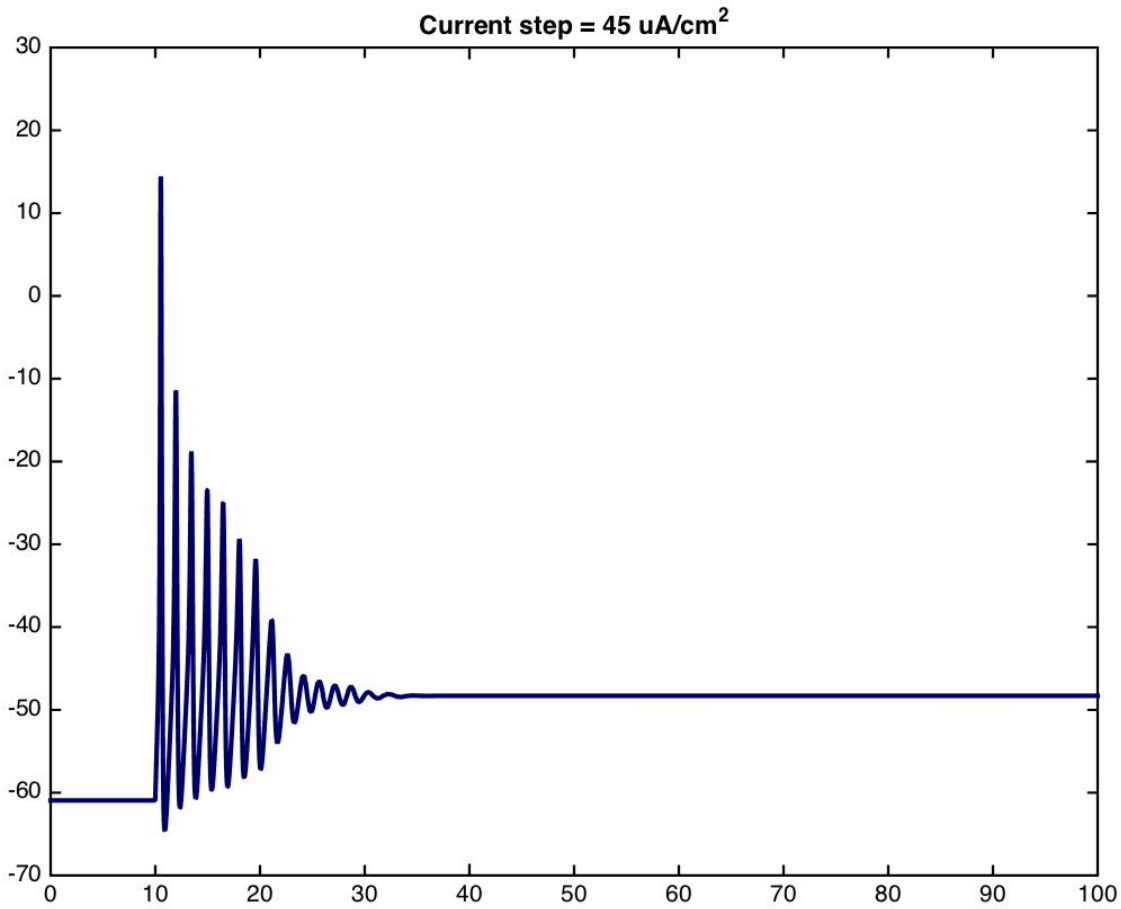

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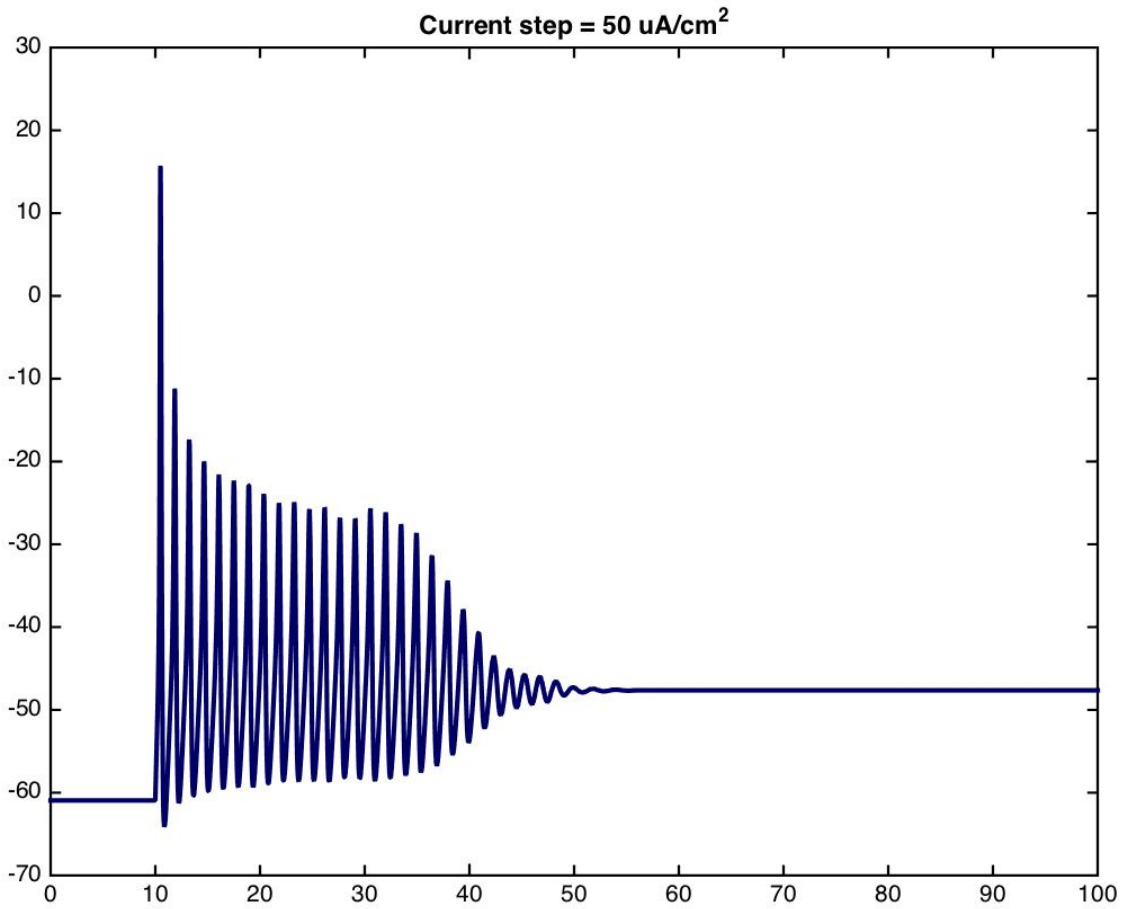

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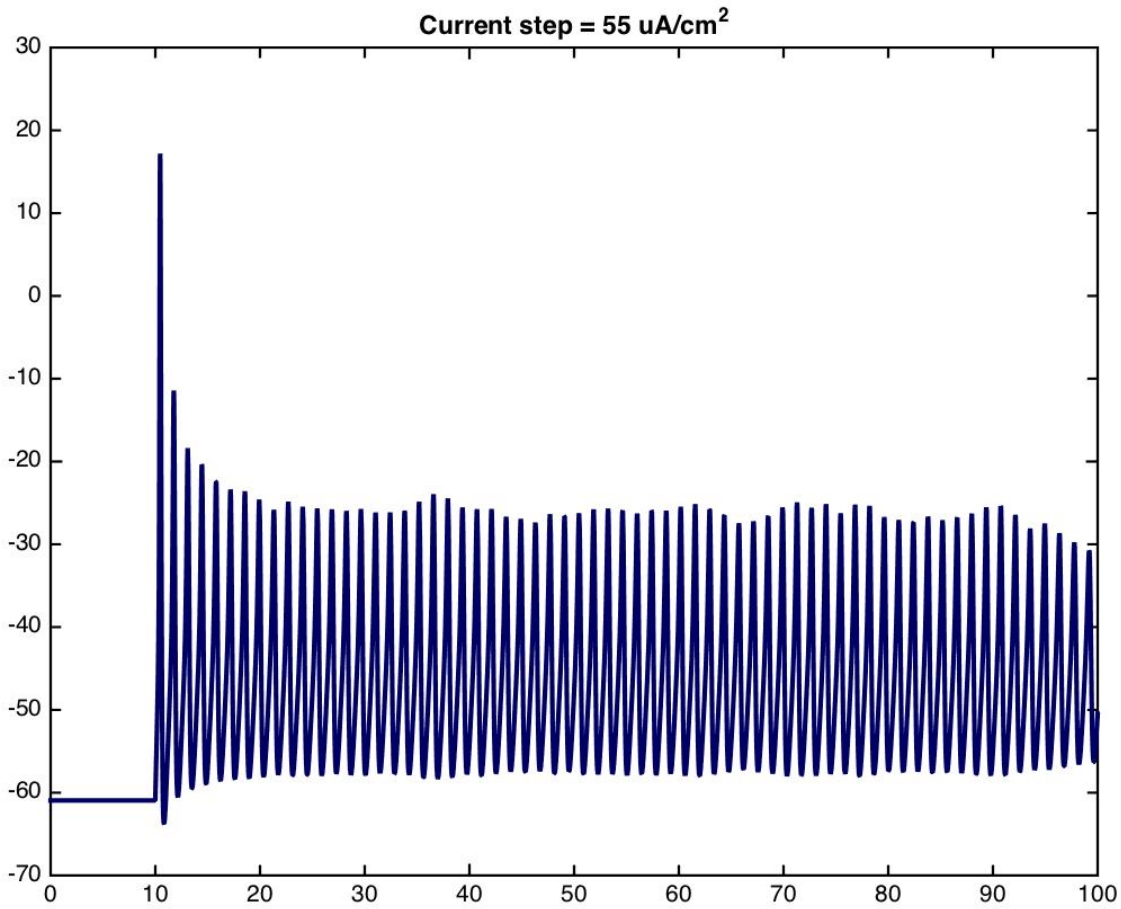

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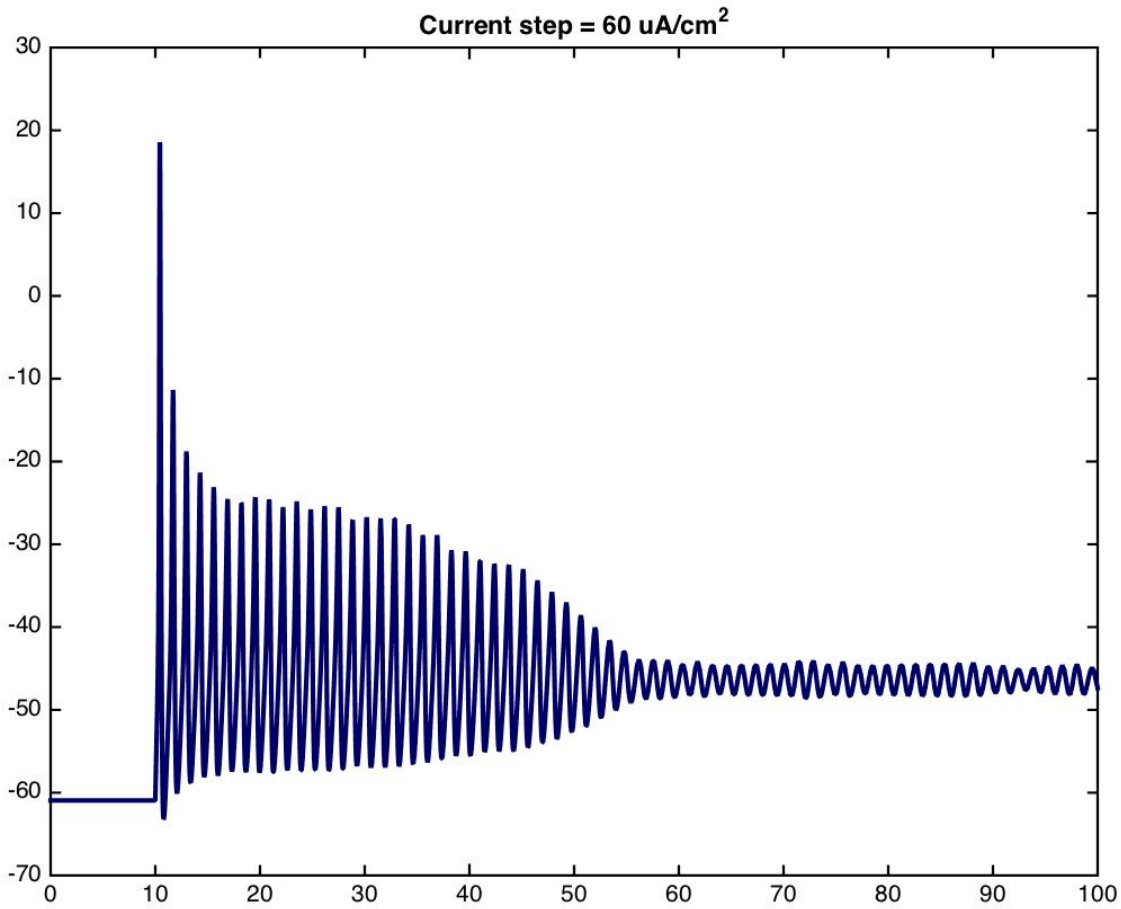

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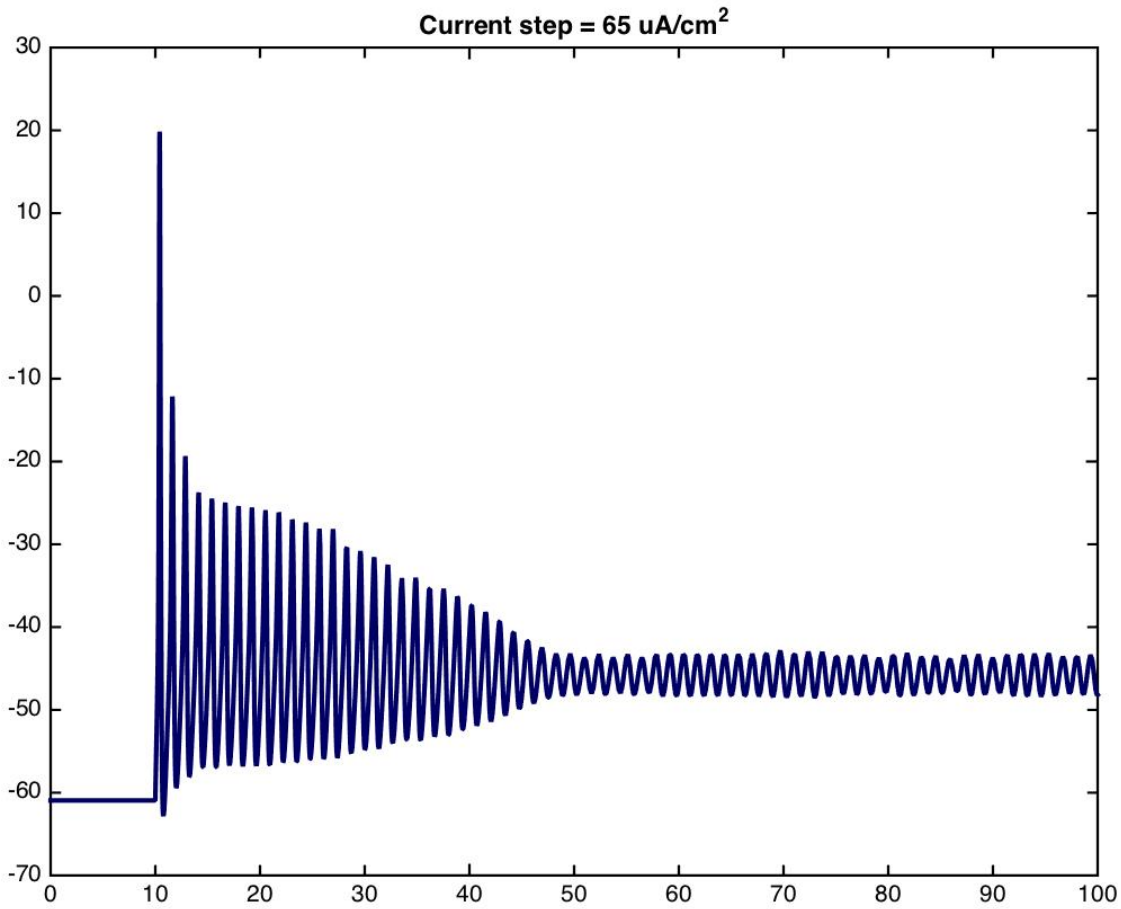

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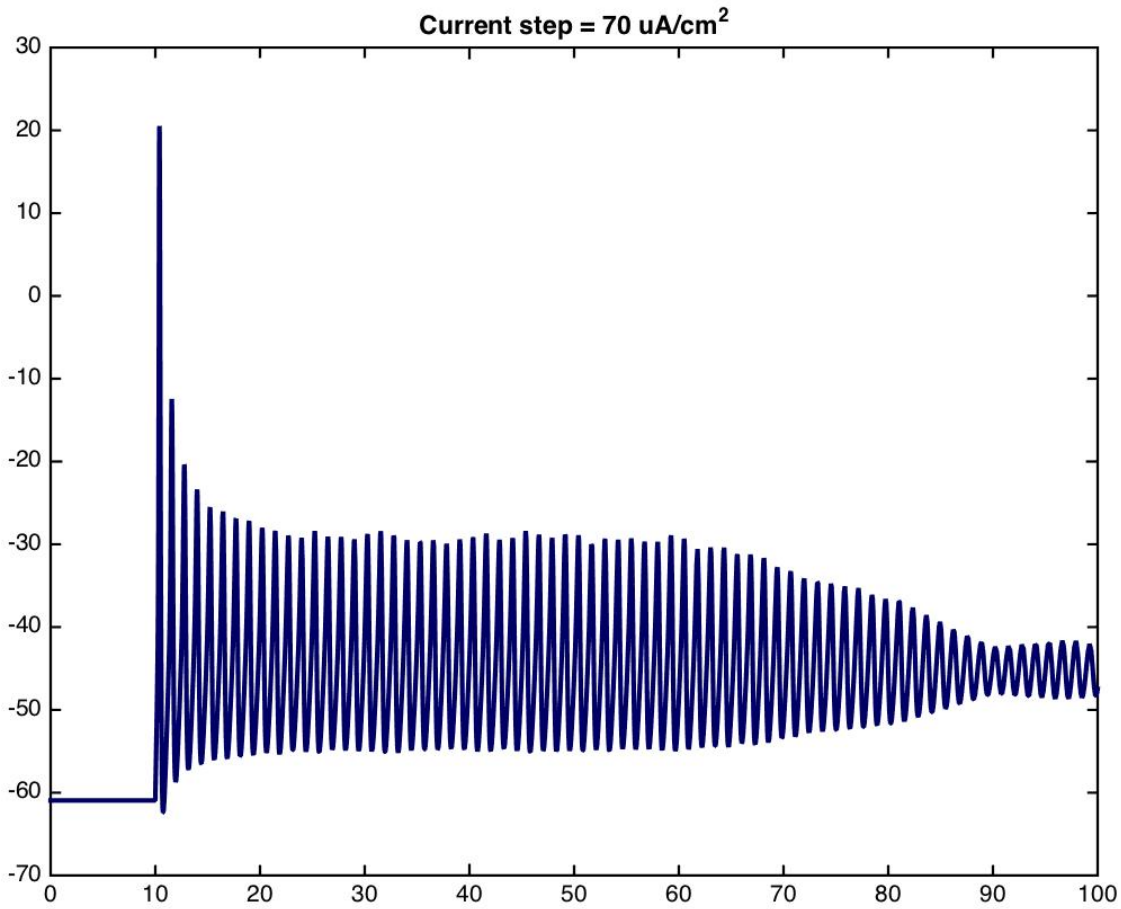

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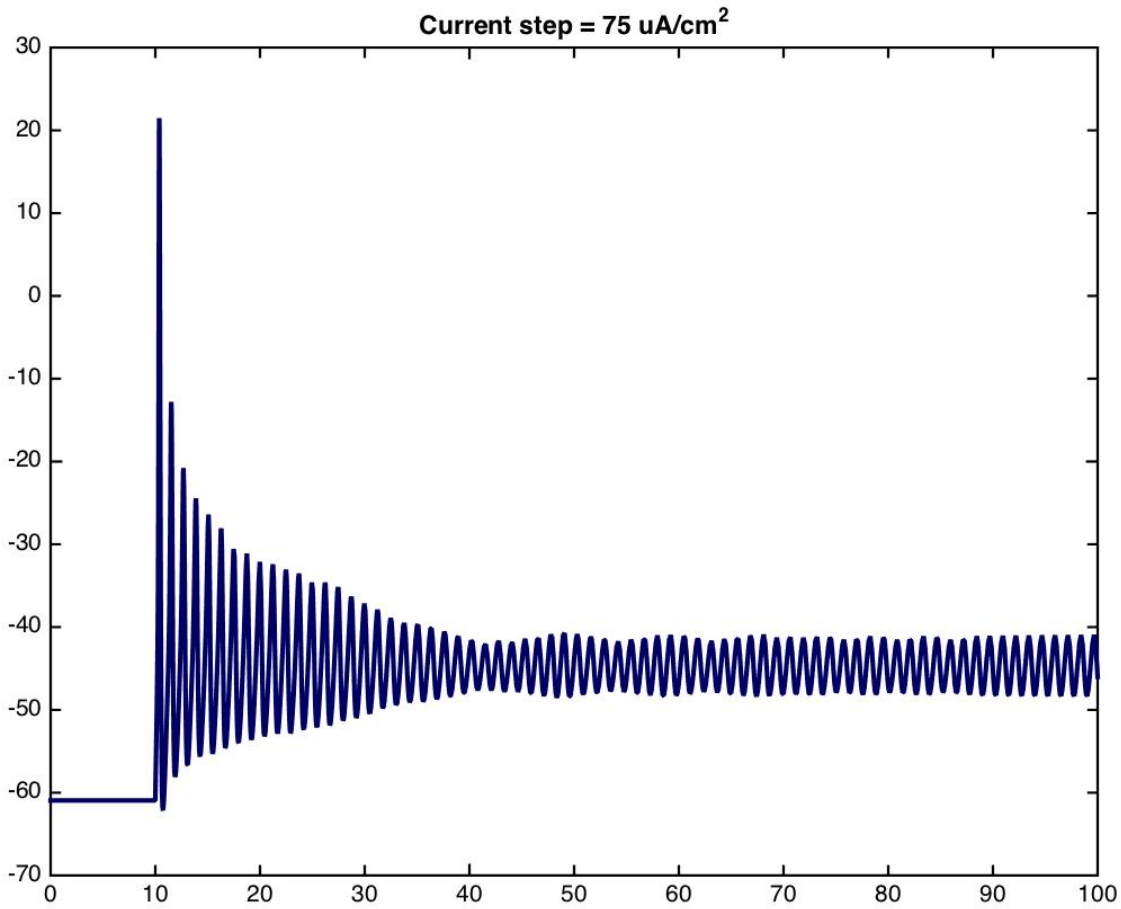

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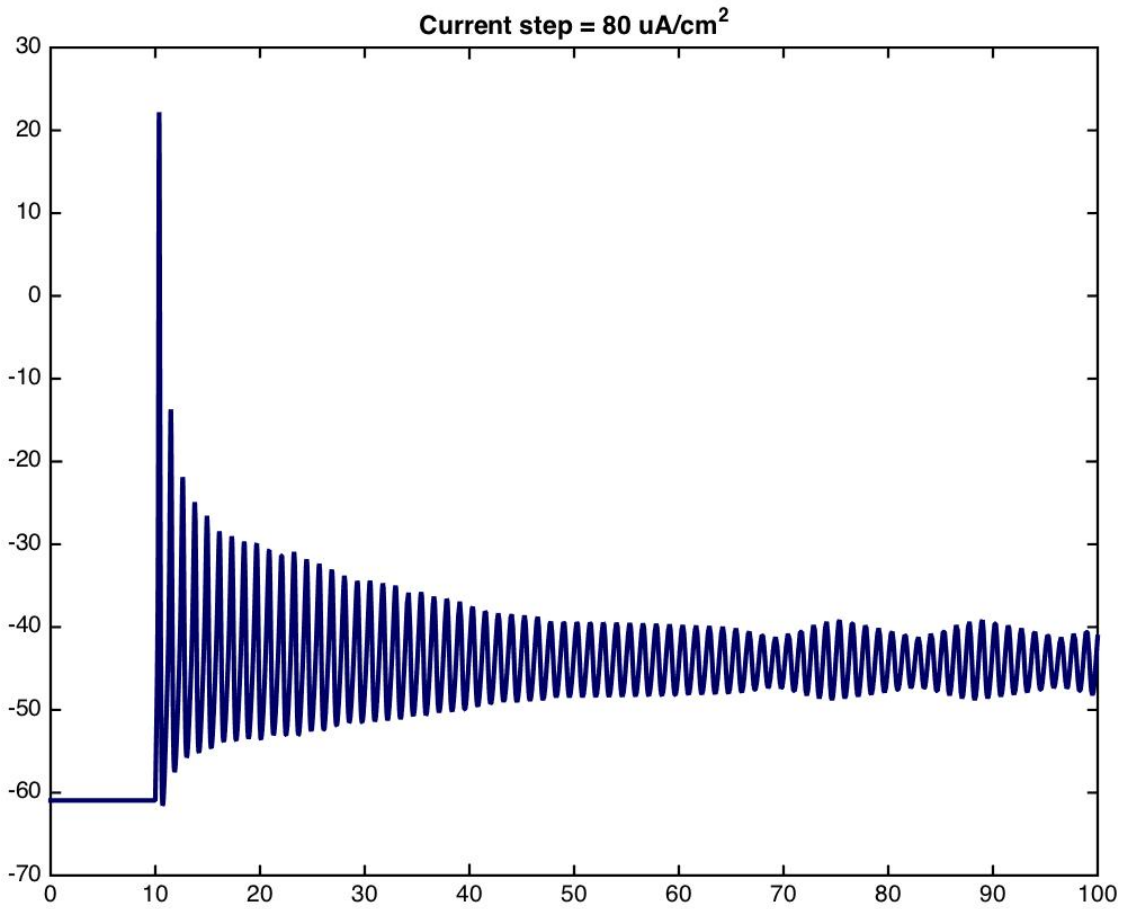

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References

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2. Weiss, T. F. (1995).Cellular Biophysics. Volume 2: Electrical Properties, MIT Press.
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