Fast Synapsis between Hindmarsh-Rose models
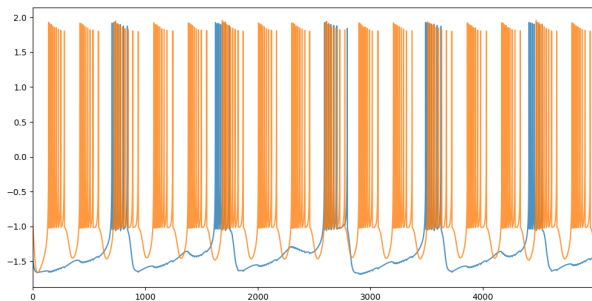
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Introduction

This document shows the results for the fast synapis between two Hindmarsh-Rose neurons with different models (one the older, the other the new).
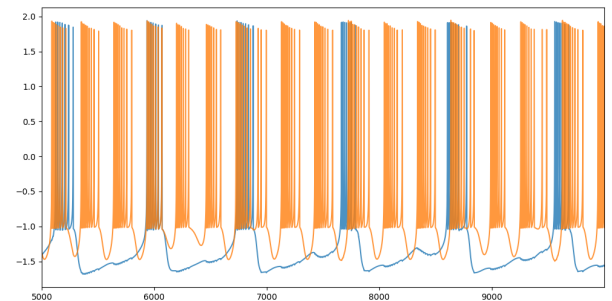
Parameters

The parameters choosed are the same that the other doc, $v = 0.1$, and $S = 1.0$ for the new model and $v = 1.0$, and $S = 4.0$ for the old model .
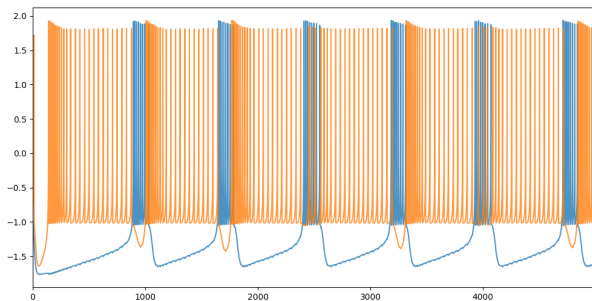
Graphs

Old model - new model simulation

Old model - new model simulation continue

Old model - new model chaotic simulation

Old model - new model chaotic simulation continue