

# Lab 2, Ion Channel Simulations

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## Introduction

## Methods

## Results

Table 1: Simulated measurements for conduction velocity and maximal upstroke velocity

Experiment Number	Conduction Velocity (cm/ms)	Maximal Upstroke Velocity (mV/ms)
1	16.6389	69.8933
2	18.9606	73.9121
3	24.7062	83.871
4	45.2948	109.1537
5	52.6004	116.8785
6	77.6482	131.6630
7	2.0641	0.0222
8	44.0706	109.3527
9	45.2948	109.1675
10	2.1013	-0.0024
11	2.0896	-0.0024
12	60.3930	179.3235
13	38.8214	86.8933
14	31.9728	60.6956
15	27.6375	48.7076
16	23.2945	35.4873
17	20.3827	28.0958

## Discussion