

**April 3, 2024**

**HOMEWORK 1 — Report**

**1 Question 1**

**2 Question 2**

**3 Question 3**

**4 Question 4**

**5 Question 5**

## 6 References

### References

- [1] M. Stimberg, R. Brette, and D. F. Goodman, “Brian 2, an intuitive and efficient neural simulator,” *eLife*, vol. 8, p. e47314, Aug. 2019.
- [2] R. Brette, M. Rudolph-Lilith, N. T. Carnevale, M. L. Hines, D. Beeman, J. M. Bower, M. Diesmann, A. Morrison, P. H. Goodman, F. C. Harris, M. Zirpe, T. Natschläger, D. Pecevski, B. Ermentrout, M. Djurfeldt, A. Lansner, O. Rochel, T. Viéville, E. B. Müller, A. P. Davison, S. E. Boustani, and A. Destexhe, “Simulation of networks of spiking neurons: A review of tools and strategies,” *Journal of Computational Neuroscience*, vol. 23, pp. 349–398, 2006.