Formatting Instructions For NeurIPS 2022

Aniket Nath
School of Physical Sciences
National Institute of Science Education and Research,Bhubaneswar, HBNI
aniket.nath@niser.ac.in

Diptarko Choudhury
School of Physical Sciences
National Institute of Science Education and Research,Bhubaneswar, HBNI
diptarko.choudhury@niser.ac.in

Abstract

In our project, we try to find, rarely occuring dual Active Galactic Nuclei (dAGN), from the Sloan Digital Sky Survey (SDSS) Database. SDSS has over 200 million galaxy samples, but till now a few hundred (117, (Gimeno et. al.)) have been detected. Classical and simulation studies gives a strong indication that a large number of dAGNs might be present in the observable universe; but they can not be tracked due to their rareity and difficulty in detecting one. Our work, tries to exploit machine learning techniques (weakly supervised) to find such occurances of dAGNs.

1 Introduction

2 Methodology

3 Related Works

4 Results

5 Conclusion

Preprint. Under review.

References

References follow the acknowledgments. Use unnumbered first-level heading for the references. Any choice of citation style is acceptable as long as you are consistent. It is permissible to reduce the font size to `small` (9 point) when listing the references. Note that the Reference section does not count towards the page limit.

[1] Alexander, J.A. & Mozer, M.C. (1995) Template-based algorithms for connectionist rule extraction. In G. Tesauro, D.S. Touretzky and T.K. Leen (eds.), *Advances in Neural Information Processing Systems 7*, pp. 609–616. Cambridge, MA: MIT Press.

[2] Bower, J.M. & Beeman, D. (1995) *The Book of GENESIS: Exploring Realistic Neural Models with the GEneral NEural SImulation System.* New York: TELOS/Springer–Verlag.

[3] Hasselmo, M.E., Schnell, E. & Barkai, E. (1995) Dynamics of learning and recall at excitatory recurrent synapses and cholinergic modulation in rat hippocampal region CA3. *Journal of Neuroscience* **15**(7):5249-5262.

A   Appendix

Optionally include extra information (complete proofs, additional experiments and plots) in the appendix. This section will often be part of the supplemental material.