Scaling distributed reinforcement learning for scientific simulations on Theta, the leadership class supercomputer at Argonne Leadership Computing Facility.

ALCF Technical Report

Argonne Leadership Computing Facility

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prepared by
See author list on first page of report.

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Abstract

This is a working document for the ALCF summer internship - Summer 2020 for Suraj Pawar, graduate student from Oklahoma State University.

Scaling distributed reinforcement learning for scientific simulations on Theta, the leadership class supercomputer at Argonne Leadership Computing Facility.

Suraj Pawar [*1,2] and Romit Maulik[†2]

[1] Mechanical & Aerospace Engineering, Oklahoma State University, Stillwater, OK
[2] Argonne Leadership Computing Facility, Argonne National Laboratory, Lemont, IL

1 Introduction

2 Methods

3 Experiments

4 Conclusions

Acknowledgments

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[*]supawar@okstate.edu
[†]rmaulik@anl.gov

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