AI Artificial Intelligence

CTDE Centralized Training with Decentralized Execution

Dec-POMDP Decentralized Partially Observable Markov Decision Process

DP Dynamic Programming

DQN Deep Q-Learning

HPC High-Performance Computing

IQL Independent Q-Learning

MARL Multi-Agent Reinforcement Learning

MC Monte Carlo

MDP Markov Decision Process

MPE Multi-Agent Particle Environment

MSDA Modeling, Simulation, and Data Analysis

OCP OCP Group (Office Chérifien des Phosphates)

POMDP Partially Observable Markov Decision Process

RL Reinforcement Learning

RTS Real-Time Strategy

SMAC StarCraft Multi-Agent Challenge

TD Temporal-Difference

UCB Upper-Confidence-Bound

UM6P Mohammed VI Polytechnic University

UNESCO United Nations Educational, Scientific and Cultural Organization

VDN Value Decomposition Networks

WandB Weights & Biases