ctitle = , etitle = Research on Key Techniques for Vehicular Cyber-Physical Systems, cauthor = , eauthor = Xincao Xu, studentid = , csupervisor = , esupervisor = Prof. Kai Liu, cassistsupervisor = , cextrasupervisor = , eassistsupervisor = , cpsupervisor = , epsupervisor = , cclass = 20236, $research_direction = 3, edgree = , cmajor = , emajor =, cmajora = 3, cmajorb = 3, cmajorc = $, cdepartment =, edepartment =, cabstract

Intelligent Transportation System, ITSVehicular Cyber-Physical System, VCPSITSITSVCPSVCPSVCPSVCPSVCP

1   M/G/1 Age of View VCPSMulti-Agent Difference-Reward-based Deep Reinforcement Learning, MADRVehicle-to-Infrastructure, V2IVCPS MADR

2   VCPSNon-Orthogonal Multiple Access, NOMAV2IMulti-Agent Game-Theoretic Deep Reinforcement Learning, MAGTKKT MAGT

3 - V2I VCPSVCPSVCPSVCPSMulti-Agent Multi-Objective Deep Reinforcement Learning, MAMOVCPSVCPS-■ MAMO

4   None-Light-of-Sight, NLOSVehicular Cyber-Physical System Optimization based Collision Warning, VOCWV2I VOCW