WildfireResourceManagement Train & Test Metrics: Difficulty: 3, Task: 1 Entropy Individual Resource Count Reward for Moving Resources to Neighbours Reward for Moving Resources to Self Collective Performance Individual Performance www.www.www source source source 100 10 -Value 8.0 training training Value Value source training test 0.6 3.75 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step **Episode Length** Curiosity Value Estimate Extrinsic Value Estimate Cumulative Reward **Curiosity Reward Extrinsic Reward** source source source training = 0.1 test 50 training 200 0.0 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step **Curiosity Forward Loss** Policy Loss Value Loss Learning Rate **Epsilon** Beta 0.010 -0.20 -1000 source source source source 0.4 0.0002 training training training training - 005 Value 0.005 0.15 <u>®</u> 0.2 · test test test test 0.0000 0.000 0.10 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 100000 200000 300000 400000 Step Step Step Step Step Step **Curiosity Inverse Loss** source 4.25 -- 00.4 training 3.75 -

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