## WildfireResourceManagement Train & Test Metrics: Difficulty: 5, Task: 0 Entropy Individual Resource Count Reward for Moving Resources to Neighbours Reward for Moving Resources to Self Collective Performance Individual Performance source source source source 200 \alpha \square \alpha \rightarrow \rightar 4.2 <u>Alne</u> training training training training training New 100 Value source training test 0.6 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** 0.10 source source source source source 40 × 20 × 20 training training training training Value - 005 0.05 ਰੂ 0.1 test training test 0.00 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 source source source source Φ 0.0002 training training training training Value Value Value 0.005 2.0 alne source 0.15 test test test training 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 4.2 <u>Alue</u> training

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