1 Multi-Agent Test Case

The multiagent.py test case features two agents with axioms max_explore (prioritizes novelty) and min_risk (prioritizes stability) resolving a resource allocation paradox. An entropy swap at step 5 collapses the max_explore axiom, forcing adaptation. A variant could collapse min_risk instead, prioritizing exploration.

Algorithm 1 Entropy Swap

```
swap_trigger \leftarrow 5

if step = swap_trigger then

axioms[max\_explore] \leftarrow collapse

Log swap event

end if
```