

Fx 1.3/5) action alternative last nove Sump dist such Such * yes right down none NO right No right night right wp yes alternatively left left inp down/ switchoff up yes [4] left left no loff right right left yes down down left lut yes down Both agents will clean the whole room of (B) com run forever or stop A will im forever after cleaning moster of the strong Secance here the robot has deemed the whole room when it is in the top right comer () In general: an agent has not enough information (by sensors with out a "work-done sensor" veturning to the purely reflective!

() or a" initial position and switching off after work is not possible because the agent cannot distinguish between situations where work is done on not finitial position vs other positions. In general the initial situation looks like any "term situation" years a square after completing the good.

