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1 safe(22) # label(non_clause) # label(goal). [goal].
2 -wumpus(x) | -neighbor(x,y) | stench(y). [assumption].
3 -stench(12). [assumption].
4 -pit(x) | -neighbor(x,y) | breeze(y). [assumption].
5 -breeze(21). [assumption].
6 -wumpus(x) | -neighbor(x,12). [resolve(2,c,3,a)].
7 wumpus(x) | pit(x) | safe(x). [assumption].
8 -neighbor(x,12) | pit(x) | safe(x). [resolve(6,a,7,a)].
9 -safe(22). [deny(1)].
10 -neighbor(22,12) | pit(22). [resolve(8,c,9,a)].
11 -pit(x) | -neighbor(x,21). [resolve(4,c,5,a)].
12 -neighbor(x,y) | neighbor(y,x). [assumption].
16 neighbor(12,22). [assumption].
20 neighbor(21,22). [assumption].
37 -neighbor(22,12) | -neighbor(22,21). [resolve(10,b,11,a)].
41 neighbor(22,12). [resolve(16,a,12,a)].
42 -neighbor(22,21). [back_unit_del(37),unit_del(a,41)].
46 $F. [resolve(20,a,12,a),unit_del(a,42)].
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