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Patterns of Students' Input and Hint Strategies

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Status ID	Student Input	Target of Hint / H-GOMS	Example
C1PaL1		A subgoal is complete hence no hint needed.	
C1P0		Premises AW-*(P?C) AP-*(P?C)	Only observed as SPSS or Why (i.e., the tutor asked the student to prove a step used without justification).
COPs		Premises AW-*(P?C)	
C0P1		The last premise AW-*(P?C) PP-*(P) PP-*(C)	208-P2-02: PP-E(P) 205-P2-04(2): PP-R(P) 209-P4-03(2): PP-R(C) 207-P2-01: PP-E(P), AW-P 202-P1-01: AW-P 203-P1-02: AW-P 207-P1-01: AW-P 202-P2-02: AW-P(once removed) 208-P2-03: AW-P(once removed)
СОРа		Conclusion AW-*(P?C) AC-*(P?C) PP-*(C)	208-P1-04: PP-P(P) 205-P2-04(1): AW-P(P? C) 205-P2-04(3): AC-R(C) 209-P4-03(1): AC-W(C)
C1Pa		Link (justification) AW-*(P?C)	
	Conclusion 1: mentioned 0: not mentioned	Premises a: All mentioned 1: All but one mentioned s: Some mentioned 0: None mentioned	Link 1: mentioned 0: not mentioned Since link can't mentioned alone, L0 is omitted in the table.

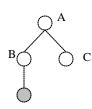
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Some Control Strategies

A I

Prefer bottom subgoal (or FC) (208-P1-04)

Treat this as COPa for B, instead of COPs for A.

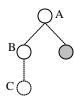


Compound subgoals (205-P2-04)

Subgoal B is at COPa

After completing B, the subgoal A becomes C0P1, hence a hint on C is desired.

After completing C, the subgoal A becomes C0Pa.



Prefer meaningful highlighting (202-P2-02)

Provide a hint on B and C [possibly AW-P(C? B), which is once removed from the subgoal A] when highlighting subgoal A [C0P1] doesn't make much sense, for example, A is derived by transitive substitution.