	$ = (C_q0 = (ATM_state = 5) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	
$(c_q0 = (ATM_state = 1) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_with$	$ = (C_q0 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	
$(c_q2 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($		
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 1) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	$ (c_q4 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal$	
$(c_q6 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($		
$(c_q5 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_card_id = 0) \land ($	$ \frac{1}{1} $ $ (c_q4 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_b$	
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 0) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($	$(C_q0 \stackrel{\text{def}}{=} ((ATM_state = 0) \land (A_asked_withdrawal = 0) \land (A_asked$	
$(c_q0 = (ATM_state = 10) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal$	$ = (C_q0 = (ATM_state = 11) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) $	$\frac{\text{ATM_obtient_montant}}{\text{ATM_obtient_montant}} \blacktriangleright (c_q0 \triangleq ((ATM_state = 12) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_ask$
$(c_q5 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$		
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 12) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) $		$\underline{DB_traitement_ok}$ $\underline{DB_operation_not_done}$
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land$		
$(C_{q}) = (ATM_{state} = 2) \ \ (A_{asked_{withdrawal}} = 0) \ \ (A_{card_{q}} = 0) \ \ ($	$(c_q0 = (ATM_state = 3) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_balance $	
(C_Q4 = ((ATM_state = 7) \((A_asked_withdrawal = 0) \((A	$(C_q 4 = ((ATM_state = 8) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balanc$	
(c_q0 = ((AIM_state = 6) \(\) (A_asked_withdrawal = 0) \(\) (A_balance = 0) \(\) (A_balance = 0) \(\) (A_balance = 0) \(\) (A_card_id = 0) \(\) (A_card_id = 0) \(\) (A_card_id = 0) \(\) (B_asked_withdrawal = 0	$(c_q1 = ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_w$	
(c_q1 = ((ATM_state = 7) Λ (A_asked_withdrawal = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_asked_withdrawal = 0) Λ (A_balance = 0) Λ (A	$ (c_q1 = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_w$	
$(c_q0 = (ATM_state = 3) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$	$ (c_q0 = (ATM_state = 4) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance$	
$(c_q4 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance $		
$(c_q0 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A$		
$(c_q1 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($		$ATM_traite_reponse_pin$ $(c_q4 \stackrel{\mbox{\protecture}}{=} (ATM_state = 5) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdraw$
	$\frac{\text{ait}}{\text{C}} = (\text{CTM_state} = 10) \land (\text{A_asked_withdrawal} = 0) \land (\text{A_balance} = 0) \land $	
$(c_q0 \triangleq ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wit$	$ \bullet \qquad \bullet $	
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 3) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($		
$(c_q1 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land ($		
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 0) \land (A_asked_withdrawal = 1) \land (A_asked$		$\underline{DB_check_id}$ $ (c_q4 \stackrel{\mbox{\tiny def}}{=} (ATM_state = 1) \land (A_asked_withdrawal = 1) \land (A_asked_wit$
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 12) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) $	$ \bullet (C_q0 \stackrel{\text{def}}{=} ((ATM_state = 13) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_card_id = $	DB_tranement_ok
ATM_demar ATM_demar	$(c_q0 \triangleq (ATM_state = 9) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_card_id $	DB_operation_not_done
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 0) \land (A_asked_withdrawal = 1) \land (A_balance = 2) \land (A_balance = 2) \land (A_balance = 1) \land (A_card_id = 1) \land$	
ATM_demar	$(c_q2 \triangleq ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) $	
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	$(c \ d) \land (A_b = 7) \land (A_b =$	
ATM_demar ATM_demar	(c_q5 \((ATM_state = 7) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_asked_withdrawal = 0) \((A_asked_withdrawal = 0) \) \((A_as	
$(c_q6 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 6) \land (A_asked_withdrawal = 0) \land (A_asked_withdraw$	(c_q6 = ((ATM_state = 7) Λ (A_asked_withdrawal = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_card_id = 0) Λ (B_card_id	
$(c_q)^{\frac{1}{2}}$ $(ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_$		
$(c_q4 \stackrel{\text{def}}{=} ((ATM_state = 6) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	user (c_q5 ≝ ((ATM_state = 7) Λ (A_asked_withdrawal = 0) Λ (A_balance = 0) Λ (B_asked_withdrawal = 0) Λ (C_card_id = 0) Λ (DB_asked_withdrawal = 0) Λ (DB_asked	
	rait $(c_q4 = ((ATM_state = 11) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_a$	
	ait $(c_q0 = ((ATM_state = 10) \land (A_asked_withdrawal = 0) \land (A_asked_withd$	
(c q0 ≝ ((ATM_state = 8) ∧ (A asked_withdrawal = 0) ∧ (A laser_pin = 0) ∧ (B lance = 5000) ∧ (B lan	c q0 ≝ ((ATM_state = 5) ∧ (A_asked_withdrawal = 0) ∧ (C_card_id =	
((c of) = ((ATM_state = 0) A (A palance = 0) A (A	ATM_signal_connexion (c_opt_id_3121) A (C_cord_id_3121) A (C_cord_id_3
	- (c_qo - ((Δ1ν1)-state - 0) h (Δ_asked_withdrawal - 0) h (Δ_cald_id = 3121) h (C_cald_id = 0) h (Δ_balance = 7400) h (Δ_cald_id = 0) h (Δ_cald_id = 3121) h (Δ_cald_id = 0) h (Δ_cald_id =	$(C_{q0} - (A_{10} - A_{10}) \wedge (A_{20} - A_{20}) \wedge (A_{20} - A_{2$