$(c_q0 \triangleq ((ATM_state = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal$	DB_check_id	$(c_q0 = (ATM_state = 0) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 4) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	ATM_demande_pin_user	$(c_q0 = ((ATM_state = 5) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_card_id = 0) \land (A_card_id$
$(c_q0 \triangleq ((ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal$	ATM_demande_id (c	$C_{Q} = (ATM_{state} = 9) \land (A_{asked} = 0) \land $
$(c_q0 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal $	ATM_demande_id (c	$C_{Q} = (ATM_state = 3) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$
$(c_q0 \triangleq (ATM_state = 3) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_with$	CARD_reponse_id	$(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 = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal $
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 1) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal =$	ATM_operation_vide	$(c_q0 = (ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$
$(c_q^2 \stackrel{\text{def}}{=} ((ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) $	CARD_succes_pin	$(c_q0 = (ATM_state = 8) \land (A_asked_withdrawal = 0) \land (A_balance $
$(c_q0 = (ATM_state = 5) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal $	ATM_recoit_pin_user (
$(c_q0 = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal $	CARD_traite_pin	$(c_q0 = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_with$
$(c_q0 = (ATM_state = 9) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$	DB_check_id	$(c_q1 \stackrel{\text{def}}{=} ((ATM_state = 9) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_card_id = 0) \land ($
$(c_q) = (ATM_state = 7) \Lambda$ (A_asked_withdrawal = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (A_balance = 0) Λ (B_asked_withdrawal = 0) Λ (C_card_id = 0) Λ (C_asked_withdrawal = 0) Λ (DB_asked_withdrawal = 0) Λ	DB_check_id	$(c_q) = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance_after_operation = 0) \land (A_asked_withdrawal = 0) \land (A_asked_with$
$(c_q0 \triangleq ((ATM_state = 2) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_w$	ATM_demande_id ATM_demande_id	$(c_q 4 = (ATM_state = 13) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_card_id = 0) \land (A_card_i$
		$(c_q)^2 = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawa$
$(c_q0 = (ATM_state = 12) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal$	ATM_traite_retrait	$(c_q 4 = (ATM_state = 13) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_card_id = 0) \land (A_card_i$
		$(c_q0 = (ATM_state = 7) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_wi$
$(c_q0 = (ATM_state = 9) \land (A_asked_withdrawal = 0) \land (A_asked_withdrawal $	DB_demande_retrait	$(c_q0 = (ATM_state = 10) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land (A_asked_w$
		$ATM_obtient_montant \\ C_q0 \stackrel{\#}(ATM_state=11) \land (A_asked_withdrawal=0) \land (A_balance=0) \land (A_$
		$q0 = ((ATM_state = 5) \land (A_asked_withdrawal = 0) \land (A_balance = 5000) \land (A_balance = 5000) \land (A_card_id = 0) \land (A_card$
$(c_q0 \stackrel{\text{def}}{=} ((ATM_state = 6) \land (A_asked_withdrawal = 0) \land (A_balance = 0) \land (A_balance = 0) \land (A_asked_withdrawal = 0) \land$	ATM_transfer_pin_user	