

7) $\rho(T1, \text{Account} \bowtie_{\text{Account.custid} = \text{customer.custid}} (\sigma_{\text{name} = 'Mone L Aunderer'} (\text{customer})))$

$\rho(T2, \text{Transactions} \bowtie_{\text{transactions.acctid} = T1.acctid} T1)$

$\rho(T3, \text{Transactions} \bowtie_{\substack{\text{transactions.acctid} = T1.acctid \\ \wedge \text{transactions.branchid} = T1.branchid}} T1)$

$\pi_{\text{hid}} (\sigma_{\text{trans type} = 'withdraw'} (T2 - T3))$

8) $\rho(T1, (\text{customer} \bowtie_{\substack{\text{customer.custid} = \text{account.custid} \\ \wedge \text{account.atype} = 'savings'}} \text{Accounts}))$

$\rho(T2, (\text{Transactions} \bowtie_{\substack{\text{transaction.acctid} = T1.acctid \\ \wedge \text{transaction.transdate} \geq '2017-01-01'}} T1))$

$\rho(T3, T2)$

$\rho(T4, T3 \bowtie_{\substack{T3.custid = T2.custid \\ \wedge T3.hid \neq T2.hid}} T2)$

$\rho(T5, T4 - T2)$

$\pi_{\text{acctid, name, custid}} (T5)$