$$\pi_{\text{name}}\sigma_{\text{birthYear} > 1970 \wedge \sigma_{\text{educastedAt} = \text{"Hebrew University of Jerusalem"}}}(\text{members}) \quad (1)$$

$$\pi_{\text{name, party}}(\sigma_{\text{number}=1}(\text{memberInKnesset}) \bowtie \text{members}) \quad (2)$$

$$\pi_{\text{name,number}}(\sigma_{\text{startYear-birthYear}>1970 \wedge (\text{party}=\text{"Likud"} \vee \text{party}=\text{"Meretz"}\}} (\text{memberInKnesset} \bowtie \text{members} \bowtie \text{knessets})) \quad (3)$$

$$\pi_{\text{name}}\ (\sigma_{\text{gender}=\text{"female"} \wedge \text{occupation}!=\text{"politician"}}\ (\text{members}) \bowtie (\pi_{\text{uid}}(\sigma_{\text{number}=23}(\text{memberInKnesset})) \cap \pi_{\text{uid}}(\sigma_{\text{number}=24}(\text{memberInKnesset})))) \quad (4)$$

$$\pi_{\text{name}}(\sigma_{\text{birthPlace}=\text{"Jerusalem"}}(\text{members}) \bowtie (\pi_{\text{uid}}(\text{memberInKnesset}) - \pi_{\text{m1.uid}}(\sigma_{\text{m1.number}\ !=\ \text{m2.number}}(\rho_{\text{m1(uid, num1, party1)}}(\text{memberInKnesset}) \bowtie \rho_{\text{m2(uid, num2, party2)}}(\text{memberInKnesset}))))) \quad (5)$$

$$\pi_{\text{name}}(\sigma_{\text{party}=\text{"Mapai"}}(\text{members} \bowtie \text{memberInKnesset}) \div \pi_{\text{number}}(\sigma_{\text{name}=\text{"David Ben Gurion"} \wedge \text{party}=\text{"Mapai"}}(\text{members} \bowtie \text{memberInKnesset}))) \quad (6)$$

$$\text{mem} = \pi_{\text{number,uid,birthYear}}(\text{members} \bowtie \text{memberInKnesset}) \quad (7)$$

$$\text{hasolder} = \pi_{\text{number,uid}}(\sigma_{\text{birthYear}>\text{birthYear2}}(\rho_{\text{mk1(uid, number, birthYear)}}\text{mem} \bowtie \rho_{\text{mk2(uid2, number, birthYear2)}}\text{mem}))$$

$$\text{"return"} : \pi_{\text{number,name}}(\text{members} \bowtie \pi_{\text{number,uid}}(\text{memberInKnesset}) - \text{hasolder})$$