

$$A.1 \quad \Pi_{TelC}(\sigma_{Nome = "vegetariana"}(Pizza \bowtie Ordine))$$

$$A.2 \quad \Pi_{TelC}(\sigma_{Nome = "vegetariana" \vee Nome = "quattro formaggi"}(Pizza \bowtie Ordine))$$

$$A.3 \quad \Pi_{TelC}(\sigma_{Nome = "vegetariana"}(Pizza \bowtie Ordine)) \cap \Pi_{TelC}(\sigma_{Nome = "quattro formaggi"}(Pizza \bowtie Ordine))$$

$$A.4 \quad \Pi_{TelC}(\sigma_{Nome = "vegetariana"}(Ordine \bowtie pizza)) - \Pi_{TelC}(\sigma_{Nome = "quattro formaggi"}(Ordine \bowtie pizza))$$

$$A.5 \quad \Pi_{TelC}(Ordine) - \left(\Pi_{TelC}(\sigma_{Nome = "vegetariana"}(Ordine \bowtie pizza)) \right)$$

$$A.6 \quad \Pi_{TelC}(\sigma_{CostP \neq CostP'}(\Pi_{CostP, TelC}(Ordine) \bowtie (\rho_{CostP \leftarrow CostP'}(\Pi_{CostP, TelC}(Ordine)))))$$

$$A.7 \quad \Pi_{TelC}(Ordine) - \Pi_{TelC}(\sigma_{CostP \neq CostP'}(\Pi_{CostP, TelC}(Ordine) \bowtie (\rho_{CostP \leftarrow CostP'}(\Pi_{CostP, TelC}(Ordine)))))$$

$$B \quad \Pi_{NomeC}(\sigma_{Nome = "vegetariana"}(Ordine \bowtie pizza \bowtie Cliente)) \cap \Pi_{NomeC}(\sigma_{Nome = "quattro formaggi"}(Ordine \bowtie pizza \bowtie Cliente))$$

$$C \quad \Pi_{Nome}(Pizza) - \Pi_{Nome}(Pizza \bowtie (\rho_{Nome, CostO, CostP \leftarrow Nome', CostO', CostP'}(Pizza)))$$