$$\pi_{PC1.hd}$$

$$\bowtie_{PC1.hd=PC2.hd\ \ AND\ \ PC1.model\neq PC2.model}$$

$$\rho_{PC1} \qquad\qquad\qquad \rho_{PC2}$$

$$\mathrm{PC} \qquad\qquad\qquad \mathrm{PC}$$