$$\alpha_{i} \leq 1 \land \alpha_{j} \leq 1$$

$$A \qquad \sigma = \{a[0] \mapsto 0, a[1] \mapsto 0, i \mapsto \alpha_{i}, j \mapsto \alpha_{j}\} \quad \pi = true$$

$$\text{if } (\mathbf{i} > 1 \mid \mid \mathbf{j} > 1)$$

$$B \qquad \sigma = \{a[0] \mapsto 0, a[1] \mapsto 0, i \mapsto \alpha_{i}, j \mapsto \alpha_{j}\} \quad \pi = \alpha_{i} \leq 1 \land \alpha_{j} \leq 1$$

$$\mathbf{C} \qquad \sigma = \{a[0] \mapsto 0, a[1] \mapsto 0, i \mapsto \alpha_{i}, j \mapsto \alpha_{j}\} \quad \pi = \alpha_{i} > 1 \lor \alpha_{j} > 1$$

$$\mathbf{C} \qquad \mathbf{C} \qquad \mathbf$$