

$$\mathbf{i}_1 \leftarrow 0$$

$$\mathbf{i}_3 \leftarrow \phi(\mathbf{i}_1, \mathbf{i}_4)$$

S

$$\mathbf{i}_2 \leftarrow \mathbf{i}_3 + 1$$

S'

$$\mathbf{i}_4 \leftarrow \mathbf{i}_2 + 1$$