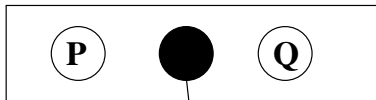
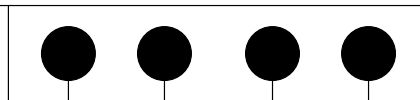


ABP



$SV_{ABP} =$
 $\langle \text{send}(m), \text{in}(m), - \rangle \rightarrow \underline{\text{send}(m)}$
 $\langle a, -, - \rangle \rightarrow a \ [a \neq \text{send}(m)]$
 $\langle -, \text{out}(m), \text{recv}(m) \rangle \rightarrow \underline{\text{recv}(m)}$
 $\langle -, -, b, - \rangle \rightarrow b \ [b \neq \text{recv}(m)]$

Protocol

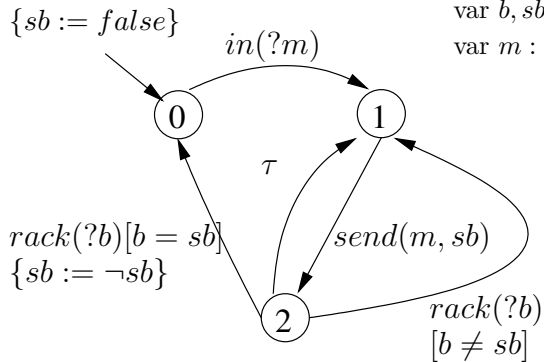


$SV_{\text{Protocol}} =$

$\langle \text{in}(m), -, -, - \rangle \rightarrow \text{in}(m)$
 $\langle \text{send}(m, b), \text{in}(m, b), -, - \rangle \rightarrow \underline{\text{send}(m, b)}$
 $\langle -, \text{out}(m, b), -, \text{recv}(m, b) \rangle \rightarrow \underline{\text{recv}(m, b)}$
 $\langle -, -, -, \text{out}(m) \rangle \rightarrow \text{out}(m)$
 $\langle -, -, \text{in}(b), \text{sack}(b) \rangle \rightarrow \underline{\text{sack}(b)}$
 $\langle \text{rack}(b), -, \text{out}(b), - \rangle \rightarrow \underline{\text{rack}(b)}$

Sender

var $b, sb : \text{Bool}$
 var $m : \text{Data}$



Perfect
 or
 Faulty
 Medium

Perfect
 or
 Faulty
 Medium

Receiver

var $b, rb : \text{Bool}$
 var $m : \text{Data}$

