Hint

Show that for the next-state action $P(self)$ of process $self$ in the two-process algorithm, $(pc[self] \neq \text{"ncs"}) \wedge P(self)$ equals

$$e1(self) \ \vee \ e2(self) \ \vee \ cs(self) \ \vee \ e3(self) \ \vee \ e4(self) \ \vee \ f(self)$$

Generalize from this example and apply Question **??**.