# Correcting Sets

$q_0, 0, \{\}$  →  $q_1, 0, \{\}$

$q_2, 0, \{\}$

no deviation
$o = o'$

deviation
$o \neq o'$

$q_{24}, 3, \{P_1\}$

$q_{25}, 3, \{P_1, P_2, P_5\}$

$q_{26}, 3, \{P_1, P_3, P_8, P_9\}$

BAD STATE

$q_{24}, 2, \{P_1\}$

$q_{25}, 2, \{P_1, P_2, P_5\}$

$q_{26}, 2, \{P_1, P_3, P_8, P_9\}$  → BAD STATE because $2 < |\{P_1, P_3, P_8, P_9\}|$

bounds the number of altered processes in dev. phase

set of processes altered in dev. phase