$\{1, 2, 3\}$

reduce (lambda x,y : x+y, [1,2,3])

$x=2 \longrightarrow 10 \quad y$

$\uparrow y$

$[\{3\}] \qquad\qquad [1,2,3]$

P $\qquad\qquad\qquad P$

① $\quad \{3\}, \{1\} \Rightarrow [\{1\},\{3\}]$

$\downarrow 2$

$\{1\} \mid \{2\} , \{3\} \mid \{2\}+P$

② $\quad \{1,2\}, \{2\}, \{1\}, \{3\} \leftarrow P$

$\downarrow 3$

③ $\quad \{1,2,3\}, \{2,3\}, \{1,3\},\{2,3\}$

$+P$

$\{1,2\}, \{2\}, \{1\}, \{3\}$