	Registers Memory					Registers			sters	Memory			
	\$2	0	#202	#1000	#100		$\stackrel{\vee}{\alpha} \rightarrow$	\$0	0	#100	#1000		]←rS ←rO
$\beta \rightarrow$		1		#1008	1			\$1	1	#201	#1008		
$\stackrel{\vee}{\alpha} \rightarrow$	\$0	2	#200	#1010		⊢rS ←rO		\$2	2	#200	#1010		]
	\$1	3	#201	#1018			$\beta \rightarrow$		3		#1018		]
State 3: rL=3					POP 2	State 4: rL=3							