B. CSE Machine Rules

	CONTROL	STACK	ENV
Initial State	$e_0\ \delta_0$	e_0	e_0 = PE
CSE Rule 1 (stack a name)	.... Name	.... Ob	Ob=Lookup(Name,e_c) e_c:current environment
CSE Rule 2 (stack λ)	.... λ_k^x	.... $^c\lambda_k^x$	e_c:current environment
CSE Rule 3 (apply rator)	.... γ	Rator Rand .... Result	Result=Apply[Rator,Rand]
CSE Rule 4 (apply λ)	.... γ .... $e_n\ \delta_k$	$^c\lambda_k^x$ Rand .... e_n	e_n = [Rand/x]e_c
CSE Rule 5 (exit env.)	.... e_n	value e_n .... value	
CSE Rule 6 (binop)	.... binop	Rand Rand .... Result	Result=Apply[binop,Rand,Rand]
CSE Rule 7 (unop)	.... unop	Rand .... Result	Result=Apply[unop,Rand]
CSE Rule 8 (Conditional)	.... $\delta_{then}\ \delta_{else}\ \beta$	true	
CSE Rule 9 (tuple formation)	.... τ_n	V_1 ... V_n .... $(V_1,...,V_n)$	
CSE Rule 10 (tuple selection)	.... γ	$(V_1,...,V_n)$ I .... V_I	
CSE Rule 11 (n-ary function)	.... γ .... $e_m\ \delta_k$	$^c\lambda_k^{V_1,...,V_n}$ Rand .... e_m	e_m=[Rand 1/V_1]... [Rand n/V_n]e_c
CSE Rule 12 (applying Y)	.... γ	Y $^c\lambda_i^v$ .... $^c\eta_i^v$	
CSE Rule 13 (applying f.p.)	.... γ .... γ γ	$^c\eta_i^v$ R .... $^c\lambda_i^v$ $^c\eta_i^v$ R	