

<b>Neural parameters</b>			
$c_m$	$1.0 \mu F/cm^2$	$g\bar{K}_s$	$0-1.5 mS/cm^2$
$g\bar{N}_a$	$24.0 mS/cm^2$	$g_L$	$0.02 mS/cm^2$
$g\bar{K}_{dir}$	$3.0 mS/cm^2$	$E_{Na}$	$55.0 mV$
$E_K$	$-90.0 mV$	$E_L$	$-60.0 mV$
$\alpha_m$	$-30 mV$	$\alpha_h$	$53 mV$
$\alpha_n$	$-30 mV$	$\alpha_s$	$-39 mV$
$\beta_m$	$9.5 mV$	$\beta_h$	$7 mV$
$\beta_n$	$10 mV$	$\beta_s$	$5 mV$
$\gamma_h$	$40.5 mV$	$\gamma_n$	$27 mV$
$\varepsilon_h$	$6 mV$	$\varepsilon_n$	$15 mV$
$D_h$	$2.78$	$D_n$	$1.85$
$V_{threshold}$	$-20 mV$		
<b>Synapse parameters</b>			
$\tau_F$	$0.3 ms$	$\tau_S$	$3 ms$
$E_e$	$0 mV$	$E_i$	$-75 mV$
$\tau_D$	$-75 mV$		
<b>Network parameters</b>			
$w_{e \rightarrow e}$	$20 \mu S/cm^2$	$w_{i \rightarrow e}$	$0-38 \mu S/cm^2$
$w_{e \rightarrow i}$	$20 \mu S/cm^2$	$w_{i \rightarrow i}$	$20 \mu S/cm^2$
$L$	$25 units$	$Grain_e$	$1 unit$
$Grain_i$	$2.27 units$	$k_{ee}$	$16$
$k_{ei}$	$4$		