

state index	energy function	configurations from state 1			configurations from state 2			configurations from state $m$		
		$x_1^1$	...	$x_1^{n_1}$	$x_2^1$	...	$x_2^{n_2}$	$x_m^1$	...	$x_m^{n_m}$
1	$U_1(\cdot)$	$U_1(x_1^1)$	...	$U_1(x_1^{n_1})$	$U_1(x_2^1)$	...	$U_1(x_2^{n_2})$	$U_1(x_m^1)$	...	$U_1(x_m^{n_m})$
$\vdots$	$\vdots$									
$m$	$U_m(\cdot)$	$\vdots$	$\ddots$	$\vdots$	$\vdots$	$\ddots$	$\vdots$	$\vdots$	$\ddots$	$\vdots$
$m+1$	$U_{m+1}(\cdot)$									
$\vdots$	$\vdots$									
$M$	$U_M(\cdot)$	$U_M(x_1^1)$	...	$U_M(x_1^{n_1})$	$U_M(x_2^1)$	...	$U_M(x_2^{n_2})$	$U_M(x_m^1)$	...	$U_M(x_m^{n_m})$