Input Energy Matrix and Perturbed Energy Matrix

configurations

configurations

	index	function	from state 1			from state 2			from state <i>M</i>			
		_	x_1^1		$x_{1}^{n_{1}}$	x_2^1		$x_{2}^{n_{2}}$		x_M^1		$x_M^{n_M}$
	1	$U_1(\cdot)$	$U_1(x_1^1)$	•••	$U_1(x_1^{n_1})$	$\int U_1(x_2^1)$		$U_1(x_2^{n_2})$		$U_1(x_M^1)$		$U_1(x_M^{n_M})$
sampled states	:	÷	:	٠.	:	$ U_1(x_2^1) $ $\vdots $ $U_M(x_2^1) $	٠.	÷		:	•••	:
	М	$U_M(\cdot)$	$U_M(x_1^1)$		$U_M(x_1^{n_1})$	$U_M(x_2^1)$		$U_M(x_2^{n_2})$		$U_M(x_M^1)$		$U_M(x_M^{n_M})$
	1	${U'}_1(\cdot)$	$U'_1(x_1^1)$		$U'_1(x_1^{n_1})$	$\int {U'}_1(x_2^1)$		$U'_1(x_2^{n_2})$		$\int {U'}_1(x_M^1)$		$U'_1(x_M^{n_M})$
perturbed states	:	:	:	*•	:	$U'_{1}(x_{2}^{1})$ \vdots $U'_{L}(x_{2}^{1})$	٠.	÷		:	••	:
	L	${U'_L}(\cdot)$	$U'_L(x_1^1)$		$U'_L(x_1^{n_1})$	$U'_L(x_2^1)$		$U'_L(x_2^{n_2})$		$U'_L(x_M^1)$		$U'_L(x_M^{n_M})$

configurations

state

energy