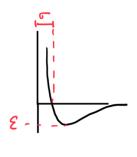
- · GET 2B PES
- " FROM 2B PES, EXTRACT EFFECTIVE T& E
- · FOR ANY TWO PARTICLES I + j, DEFINE

$$2^{NN}$$
 7.50 PARTICLES i + j, DEFINE

 $\sigma_{ij} = 0.5(\sigma_i + \sigma_j)$ 
 $\sigma_{ij} = 2^{No}\sigma_{ij}$ 
 $\sigma_{ij} = 1$ 
 $\sigma_{ij} = 2^{No}\sigma_{ij}$ 
 $\sigma_{ij} = 1$ 
 $\sigma_{ij} = 1$ 



NOW SUPPOSE YOUR MODEL WAS 3 DOMENSOURS: E, D, T SUCH THAT YOUR MODEL WAS THE FORM:

$$E_{2B}(r_{ij},\sigma_{ij},\epsilon_{ij}) \gg \sum_{x}^{\omega_{x}} \sum_{\beta}^{\alpha_{y}} C_{x\beta} T_{x}(\gamma_{ij}) T_{\beta}(s_{ij})$$

· Sij IS DEF DUFD YLA MORSE XFORM, BUT TO, IN + TO, OUT VARZES IN ) > " Pi; IS A DZEECT XFORM, e.g.

HENCE, A DOESN GET DIRECTLY PLAGGED TO, Eij DOES, WUICH 25 A 7 PAXY, FOR 7425 7 - WORK, NEFD 7- DEFINE A REWIZHSULP BETWEEN  $\lambda + \xi$  ie  $\xi = f(\lambda) + \eta = f(\xi)$ ,

WE CAN APPLY TURS STRATECTY TO ATOMIC SYSTEMS W/O ISSUE BIC WE CAN DIRECTLY TAKE TONIZATION E FOR E, + YOU CLOWS FOR 0, 4 DOWN NEFD 7, 10 7== 8

FOR NP SYSTEMS, CAN EXTRACT OF + & FROM 2B PMF, BUT NEED TO DETERMINE THE FUNCTION THAT MAKES E: f(7) ... OR, COULD JUST USE & AS THE & DIRECTY.