#14



0

1) 2206 Term ProJect

Dre ent of RfRussell. Fri Ma, 5th Real, 4 RouthAm

Appared Proposal Fri Month 24th.

2) Nexthex - March APS

I'm away, so is Adilya.

brest Lestures

Tue: Dand Linner

This; Steve Whitelow (Molech Lucky) Self-Asiensle.

3) Honeunk De The 16th Monk

Humner - Szcho #1

Hummer-Stabe 2001
2005
BF(Z) not AF(A)

12 - 2000 of

DC = internal routheles of polyner

Ø E: U(x) + V(2,A)

$$\beta = \frac{1}{2} = -h \int_{0}^{1} dx e^{-\beta U(x)} \delta(x^{2} - 2(x))$$

$$= -h \int_{0}^{1} dx e^{-\beta E + \beta V} \delta(x^{2} - 2(x))$$

=- la < e + BV 8 (= - 2(x)) = Equilibrium Average at 26

Hum Ada #2



1

$$\begin{cases}
f(x_{\delta}) e^{-\beta w + \delta \Delta F} \\
= \int [x] P(x|\Omega) f(x_{\delta}) e^{-\beta w \delta}
\end{cases}$$

$$= \int [x] P(x|\Omega) f(x_{\delta}) = \int [x] P(x|\Omega) f(x_{\delta}) e^{-\beta w \delta}$$

$$= \int [x] P(x|\Omega) f(x_{\delta}) = \int f(x_{\delta}) f(x_{\delta}) e^{-\beta w \delta}$$

$$= \int [x] P(x|\Omega) f(x_{\delta}) e^{-\beta w \delta}$$

$$= \int [x] P(x|\Omega)$$

Definations

change is I knies away from equilibrium

$$SA = A(t) - \langle A \rangle_{\mathcal{H}(0)}$$

A = - dBE SA = A(t) - <A)310 "exicts" dericher from earibrate

28A /2 = 0

ODE=BW+BQ

$$0 = \frac{32}{32} \frac{32}{34} + 6 = \frac{32}{320} \frac{34}{34}$$

$$1 = \frac{32}{320} \frac{34}{34}$$

$$gP = -A \frac{2}{2t}$$

1/1/2

4

Kirkwood 1946 $\langle 8B(x_0)\rangle_{\Lambda} = \langle e^{-BW^{ex}} \delta B(x_0)\rangle_{\Lambda}$ -BWex = (-8A(+) 21 dt e = 1+ x... (R) < (-BW*X) 8B(xb) > + Lot E (SA(t) S(No)) 22 At $\langle \delta B(x_0) \rangle = \frac{\lambda_0}{2} \int_0^\infty \langle \delta A(t) \delta B(0) \rangle dt$ = $\frac{\lambda_0}{2} \int_0^\infty dt \int_0^\infty d$

1 (1111)

6

$$\begin{array}{lll}
\langle \delta SP \rangle &=& -\frac{1}{2} \left\langle SA \right\rangle_{A} = +\frac{1}{2} \left\langle SA(u) \right\rangle_{A} & & \\
\langle SA(u) \right\rangle_{A} &= \int_{0}^{\infty} \left\langle SA(u) \right\rangle_{A} & & \\
\langle SA(u) \rangle_{A} & & \\$$

VEE = TEPB 2 (SE(0) SE(0) (control Beta & h) (Lect coprish

YEM = TEN (8/10) (8E(0))

Mograto-ralone roefficient.

RotsKoH 2015

(show figures)