Forsteron teané pienson

Teorie pienos energie men slake vosaminen.



- resonancé maba je prametrela poruchon teorie

V perdebædeficien jone odvodile:

$$\frac{2}{5t}P_{a}(t) = - \underbrace{\sum_{b} k_{ba}(t)P_{a}(t)}_{ba}$$

$$+ \underbrace{\sum_{b} k_{ab}(t)P_{b}(t)}_{b},$$

lede

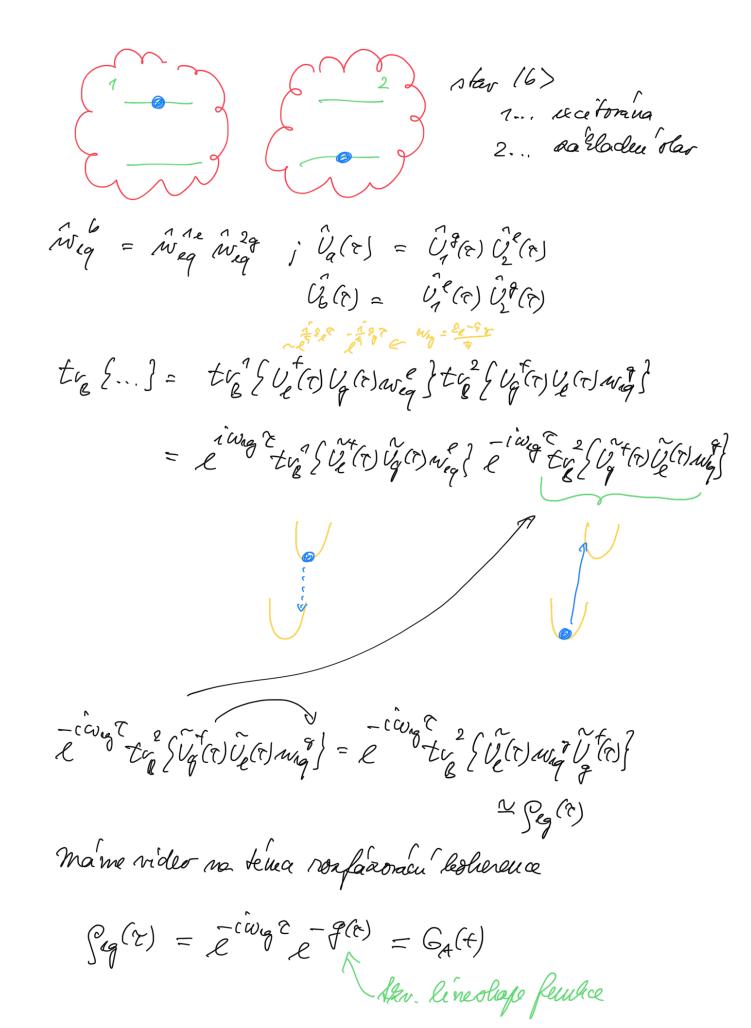
Fosterra teorie - posoulirdua vlastnost

nyclostní hanstante se da nyjodní pečnus frmací meriteluza releccia.

Dohaame to:

Dannejme cleu for lukgaleu:

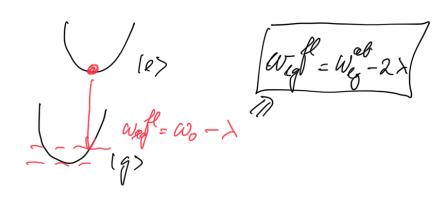
to { V6(2) Va (2) mag }



$$g(t) = \int_{0}^{\infty} dt \int_{0}^{\infty} dt' c(t') \propto konlactu' fewler laste$$

$$x(\omega) \propto \int_{0}^{\infty} dt \int_{0}^{\infty} dt' c(t') = \int_{0}^{\infty} dt' c(t') = \int_{0}^{\infty} dt' \int_{0}^{\infty} dt' c(t') dt' c(t') = \int_{0}^{\infty} dt' c(t') dt' c(t') = \int_{0}^{\infty} dt' c(t') dt' c(t') = \int_{0}$$

Duly year: emire - fluoresceuce



Miron y'anu $-g(f) - i \omega_g f$ $G_A(f) = \ell$ $\rightarrow G(\omega - \omega_o - 1) = G_A(\omega - \omega_{eg})$

lychom meli mit

Got) = l (t) Le (t) Ug (t) Mig ? - -)

NE fdq

 $G_{A}(+) = I \qquad \qquad (SV_{A}V_{A}) \rightarrow IdI^{2}$ $G_{A}(+) = I \qquad \qquad \to G_{A}(w_{A})$ $G_{D}(+) = I \qquad \qquad \to G_{D}(w_{A}) + G_{D}(w_{A}) + G_{D}(w_{A})$

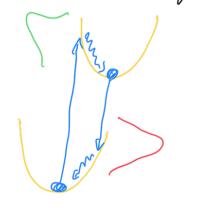
Vrapme & le relavación lanstante v + > 00

K (a) = 13a612 Ke Sdr 6, (7) 6, (7)

Decome oformulant y clashu bardant former opelet. GA(V) = 1 Sda GA(W-WA) e Go(T)= 27 Sdw Go(w+400-24) R $= \frac{1}{4} = \frac{1}{4^2} \int_{-\infty}^{\infty} d\tau \left(\frac{1}{4\tau} \right)^2 \int_{-\infty}^{\infty} d\omega \int_{-\infty}^{\infty} d\omega \left(\frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} - \frac{1}{4\omega} \right) \left(\frac{1}{4\omega} - \frac{1}$ $=\frac{\left|\int_{as}\right|^{2}}{4^{2}}\int_{2\pi}^{2}\int_{a}^{\infty}d\omega\,\,G_{A}(\omega-\omega_{A})G_{D}(-\omega+c_{0}-2x)$ $=\frac{\left(\sqrt{3a}\right)^{2}}{4^{2}}\frac{1}{2\pi}\int_{-\infty}^{\infty}d\omega\,\,\widetilde{G}(\omega-\omega_{A})\,\widetilde{G}_{b}(-(\omega-\omega_{b}-2\lambda)))$ 1 sedi na Co je 6 (-w) = acadlere odwainy francay

Relaxación houstanta repada falos pechyo absorpcionello

spelha abceptou A s fluorescencina pelebrem donom D.



$$v_{o}-\lambda$$
 w_{o} $w_{o}+\lambda$
 $2\lambda = Stelesav forum$

60 = 2TTV

$$= |K_{AD}|^{2} \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} dv G_{A}(v-v_{A}) G_{F}(-(v-(v_{D}-2\lambda)))$$

$$= \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} du G(u) = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} dv Z_{F}(G(2\pi v)) = \int_{-\infty}^{\infty} dv G(v) = 1$$

Skukina speletra maji fine advislati na V:

Fluorescence: $f(v) \approx v^3 G_p(v)$

$$G_A(v) = \frac{1}{N_A} \frac{\alpha(v)}{v} i G_P(v) = \frac{1}{N_F} \frac{f(v)}{v^2} i f(v)$$

$$K_{AD} = \frac{17_{aS}}{4^2} \int_{-\infty}^{2} dv \frac{1}{v^4} \overline{\alpha(v)} \overline{f(v)}$$

Danisland Jas na ordalerwordi

Jas ~ 1 dipol-dipoland

rateralice

 $K_{AD} = \beta_{as} \frac{1}{r^6} \int \overline{\alpha(r)} \overline{f(r)} dr$

OCO CAS

0 --- 3 6 KAP