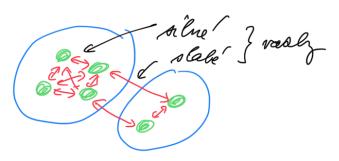
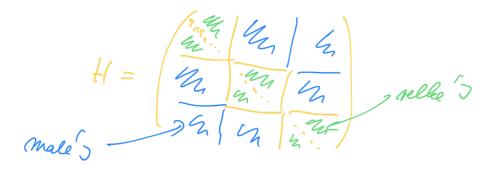
Limity plasnosti To'sseron seone

antérn sim casto shukturorany jako slate vasane lelasty silné vádaný a chromofoni



Je nasnade pociónet to isterou teorie po cirtualice men blashy a hedfildon teorie men blashy.

Silve varane blasty umeine popoas pomoer Redfieldog teorie



Provederne blokovn diagnalisaci hamiltonianu

$$S = \begin{pmatrix} SA & O \\ O & S_2 \\ O & S_2 \end{pmatrix}$$

Matic diagnalisation S parad male

 $S = \begin{pmatrix} SA & O \\ O & S_2 \\ O &$

Natrbern blohoy'l matie

blohm diagnolu malice

Swilling = Awipsi dig. 1 Swipsi di

E ε Δαίξε δίε αξεδε Χδιλή δει = ξ λαίξι αξιδή Αδιλί =

= { \\ \alpha_{\int_{1}} \\ \alpha_{\int_{2}} \\ \alpha_{\int_{1}} \\ \alpha_{\int_{2}} \\ \a do bloku (ij) préquaje four element a older (id) matice a Element neopush my blok! (

Blolina diagnalisace hamiltoniana

hamletoniai bloku k

H = & (& Eng (Mg) < Mg | + & J (Mg) < Mg))

+ E E E Juin lug Xuel
Exte insulve ment bloken & al

Base vlastní stavů bloku i & lx;>}

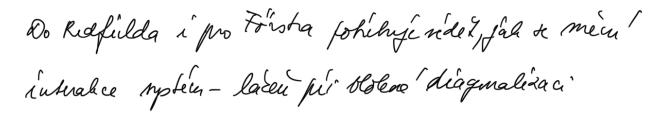
Σ ε (α;) (α;)

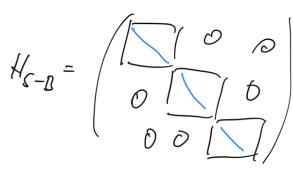
g

συνιατε που βίδη

συνιατε μου βίδη Relace riplusti:

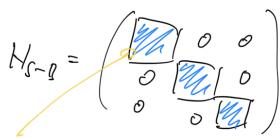
Diagonalizace hamiltoniana H = \(\in \in \((\alpha_i) \langle \alpha_i \) \(diagnalize floly: $H = \sum_{i} \sum_{\alpha_{i}} |\alpha_{i}\rangle \left(\sum_{\alpha_{i}} \sum_{\alpha_{i}} \langle \alpha_{i}|\alpha_{i}\rangle\langle \alpha_{i}|\alpha_{i}\rangle + \sum_{\alpha_{i}} \sum_{\alpha_{i}} \langle \alpha_{i}|\alpha_{i}\rangle\langle \alpha_{i}|\alpha_{i}\rangle\langle \alpha_{i}|\alpha_{i}\rangle \right)$ + (mimo diagonaluc element) $H_{J} = \underbrace{\sum_{q_{\ell}} \underbrace{\sum_{\alpha_{\ell} \neq \ell} \underbrace{\sum_{\alpha_{$ Dostavame nove suteralicus energie, letere jon lineaun mi lambinacemi malice clemi Jun =) Jap jou tole male (velocum) Pro non stay service stoleron déagnalissacé museme freitat yorlahu harstenig $K_{\alpha_{\xi},\beta_{\ell}} = \frac{2}{\hbar^2} \left| \overline{J}_{\alpha_{\beta}}^{(\ell\ell)} \right|^{-1} \operatorname{Re}\left(\operatorname{nico}\right)$





nu teralice fi diagonalin

Po blohm diagnalisaci Hy maine



diagnalie cley

do 2. radu teni pour => Redfilder pels

Diagnaliu cleuy =) apusoluji a rozfavoracu!

Vime, ac ne Förshore Heoric rozsirium cáz v distedlu rozfavoracu!

hraje satadim roli =) méli goloni ho saprelta do Forsterory

teorie pienose mesi bloly.

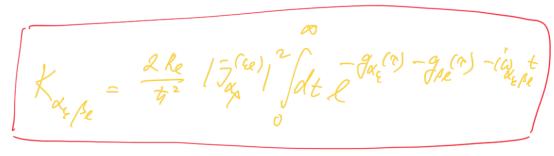
Nanh: POUZIT DIAGONALAN ECEMENTE IS-8

Ma refreit PREKRYVU spelster re Forsteine Seoni'

Jal nyfada Sk. ?

INVALE SURENE = < X 1 E /25/2 | E Shell 14/2 /2 /2 / Ke)

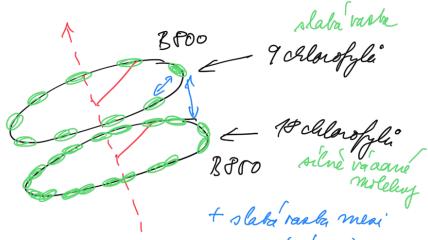
$= \sum_{n_{\varepsilon}} \langle \alpha_{\varepsilon} \alpha_{\varepsilon} \rangle \langle \alpha_{\varepsilon} \alpha_{\varepsilon} \rangle \langle \alpha_{\varepsilon} \alpha_{\varepsilon} \rangle$
$= \sum_{\alpha_{\xi}} \langle \alpha_{\xi} \alpha_{\xi} \rangle ^2 s V_{\eta_{\xi}}$
Do Foisteroy teorie potulique
Do Foisteroy teorie potulujume $C_{X_{\epsilon}}(+) = \langle S k_{\epsilon}(+) S k_{\epsilon} \rangle_{eq} \qquad \text{funkce}$
$= \sum_{M} \langle \alpha_{\xi} M_{\xi} \rangle ^{4} C_{M_{\xi}}$
Konlacen femme Cu (4) popinge vorfaxoram / 19> -> /Ma>
jako $-\int_{0}^{\xi} d\tau \int_{0}^{\eta} d\tau' C_{M_{\alpha}}(\tau') - g_{M_{\alpha}}(\tau')$ $= \ell$
(neco) ve Førsterore teori je prehyr opekter ngådrengt
Jah. Jah. Jah. Jah.
Førsterom teorie pro priched mesi bloken diagonalisona
myni day



Slavny prifad outery LHZ

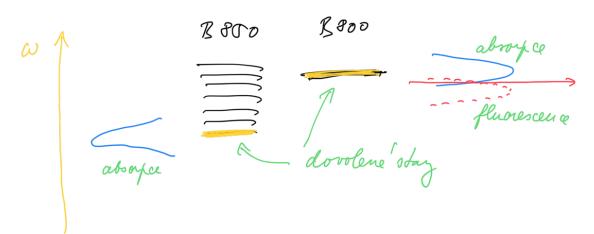
antéra sistérajécia e 2 protenció chlarofylis

odilejid on



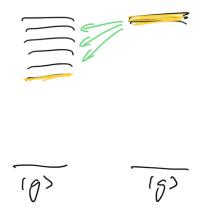
Symetric problemu délahyé , a véloi na stair protenci jé saházay a pro pilchod se sa'lladuile stan

Diagram skun



histogra floro a alapso = semer nulous Experiment whosein pomirue of the pecchod ~ 1 ps o Førster nefernguje ne tro a experimentalin forme - pouse dovole ne obay mas nemulom dipol-dipolom la serale V nasen asbecnevica Fristern ma vasba Jas = E < (me) < me (se) Jam Comohou GE dépôl-depolon Jas hidou nenulore i pro saharane obay $G_{\alpha_{\epsilon}}(\omega) = \int dt \, \ell \, \frac{-g_{\alpha_{\epsilon}}(\epsilon)}{2} + i \omega t$ existifi i pro salažene prichody

Nase dobecnera Forsteron teori dara menulose prichodor yellotu konstanty i pro a temme stay !!!



Vantene LHZ dochan le puchoduce mesi protenci pies you polorine

Teoni slabe vary plase; leonhier To'isteron doni opiena o experiment replace!

Problèmen je neplatures dipôl-dipolore interalise pro dre blisho lesé ce romine auten

