## Vynucene puchody atomu

Pocalecuí star s N fotony / ENJ> a elektronog star Ma

Projektor na focatecie stav

melo ly stated ylundrotid selfenergii

$$\alpha$$
 it  $\int dE e^{\frac{-i}{\hbar}E} \frac{1}{E - E_n - \sum_{n} (E_n)}$ 

 $a_{xx}^{\dagger}|\{N\}\rangle \perp a_{xx}^{\dagger}|\{N\}\rangle \quad j_{e}^{\dagger}-k_{i} \quad \text{def} \neq \lambda_{i}^{2}$ 

$$\sum_{n} = \sum_{m \neq 1} \int \frac{d\vec{q}}{(2\pi)^n} \frac{1}{2\xi_0 t_{100}} \left| \vec{d}_{nu} \cdot \vec{R}_{n} \right|^2 \left( \vec{E}_n - \vec{E}_{u_n} \right)^2$$

Koabor vjoledleu 16) value = (503) = 1 Ng =0 En = .... En -travotis Cernide fotom Polend nejome re valeen - préopèrel emix se sur loigé o falla Nigt1 Dava velleg prispevele v Blash Eu & Em + trava I prea teem other J de o absorcé fotonu.!!! System re sombeneau stam sretto re omisenem stan miloto [ {05>14><4 (< 505) mane S = E SNA (NA) (NA) (4) (4) 5 = Tr { 5 = 0} = E (Not) (Not) (Yn) = /4)/Not)

$$= \sum_{m_{\lambda}} \int \frac{d\vec{q}}{(2\tau)^3} \frac{1}{2\xi_0 t_0 \omega_q} \left[ \frac{1}{d_{m_{\kappa}}} \left( \frac{1}{\xi_{\tilde{q}}} \right)^2 \left( \frac{E_u - E_{\omega}}{E_u} \right)^2 \right]$$

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$$= \sum_{m_{\lambda}} \int \frac{1}{2\xi_0 t_0 \omega_q} \left[ \frac{1}{d_{m_{\kappa}}} \left( \frac{1}{\xi_{\tilde{q}}} \right) \left($$