VAC Degeneracy: Let the dente state vector at solar surface with basis (e). In We detect  $\sum_{k} \sum_{(S \to E_h)} \left| \langle e | \hat{H}_j | \hat{H}_i | \gamma_k \rangle \right|^2$ = \( \tau \gamma \langle \rangle \forall \fora If 11> degenerates from 12>, i.e. (1/4) = A e ip (2/4) in which y is uniform in [0, 27].

then detect = \( \sum\_{\alpha,\beta} \left[ \celH\_{\alpha\beta} \right] \right] \( \celH\_{\alpha\beta} \right] \right] \( \celH\_{\alpha\beta} \right] \( \celH\_{\alpha\beta} \right] \) X C.C.

= \( \int \left[ \left(\frac{i\partial}{\partial} \right) \right) \( \frac{i\partial}{\partial} \right) \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \) \( \frac{i\partial}{\partial} \right) \( \frac{i\ tor one d. B.

~= |(e|Hapli><1/4)| + |(e|Hapl2><2/4>) . + e 29 (e | Hap | 1 > < 2 | Hap | e > | < 4 | 2 > | + e- 24 (elHapl2><1/Haple>/<9/2>)2.

Sum up for 4, since sonce sonce.