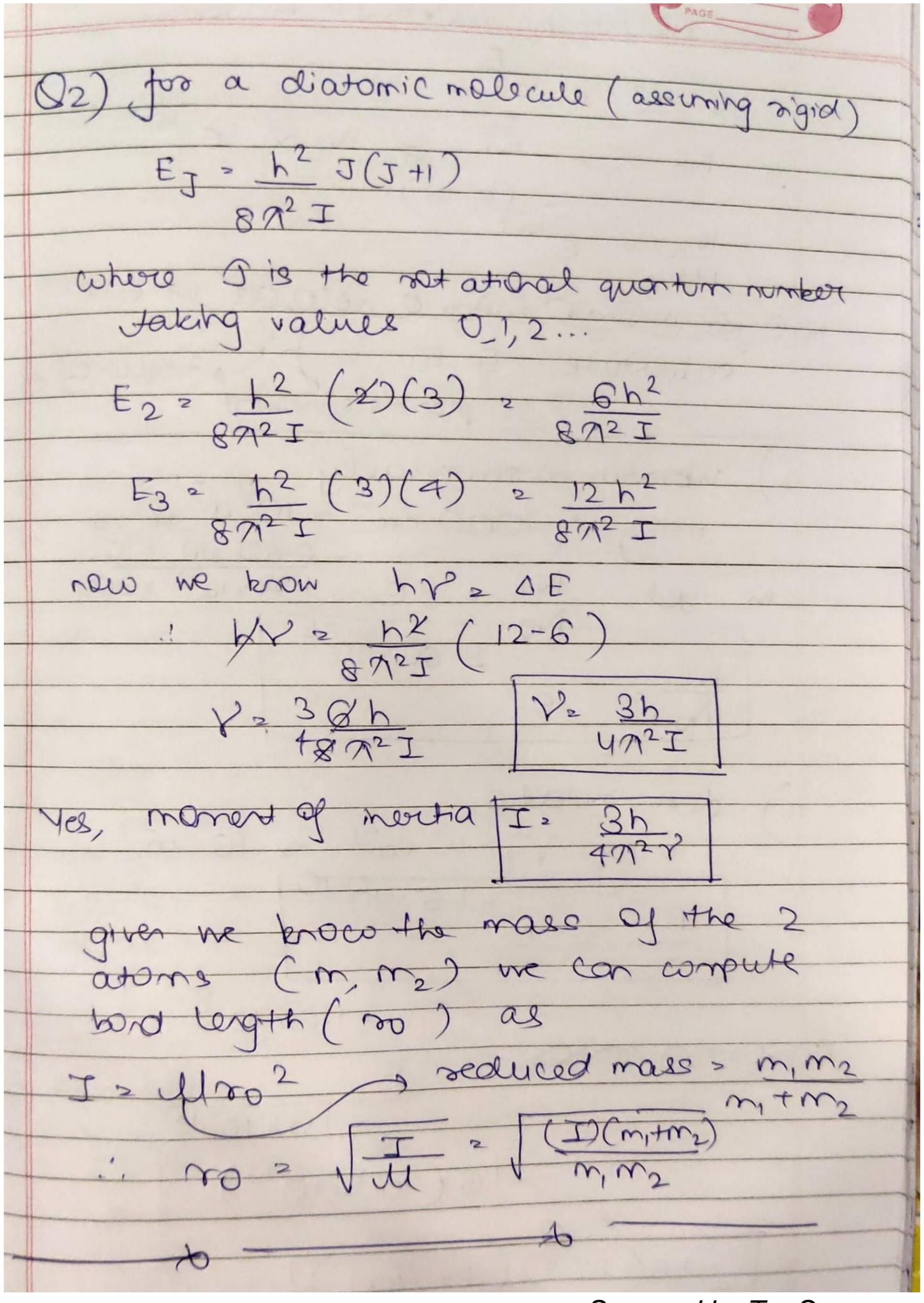
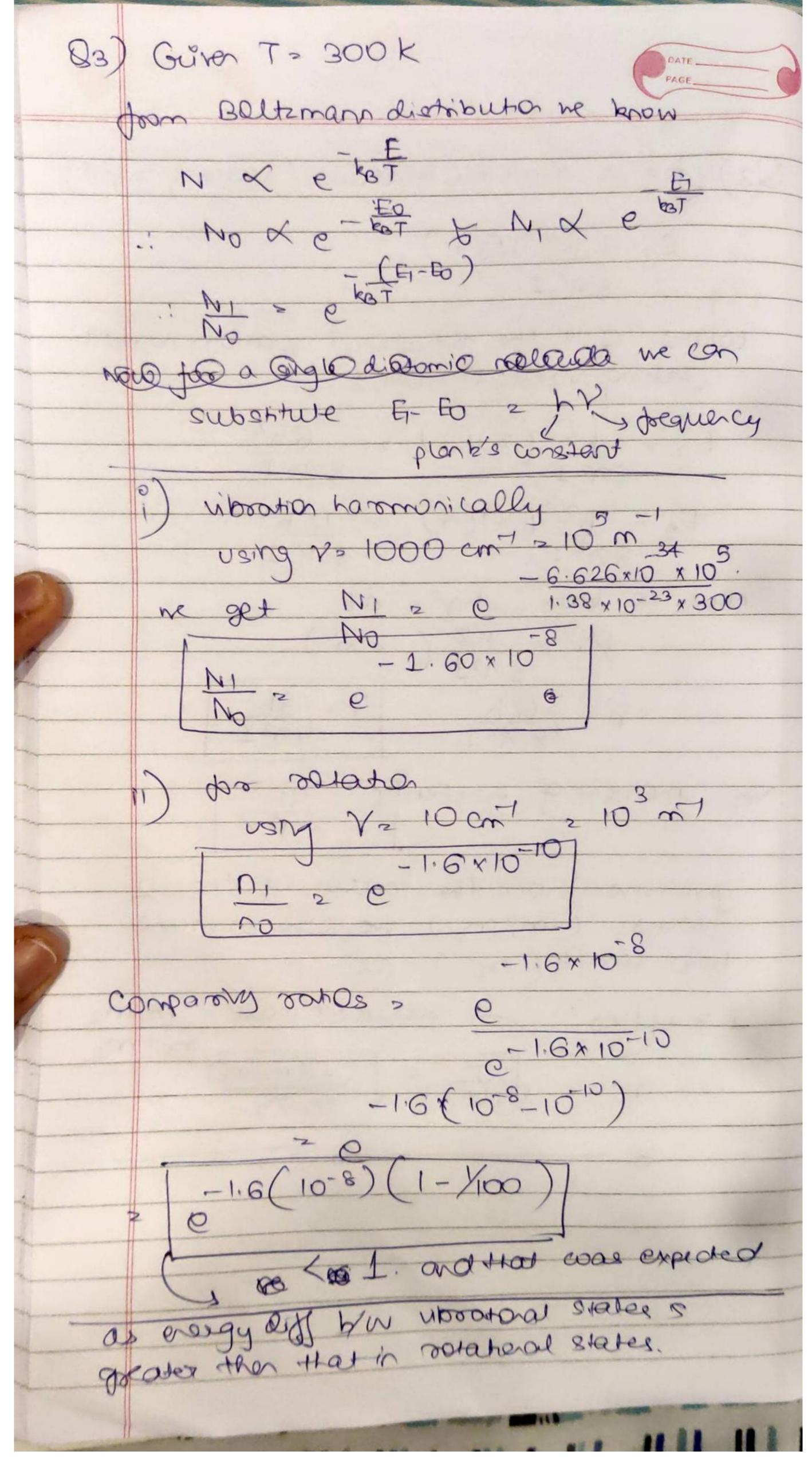
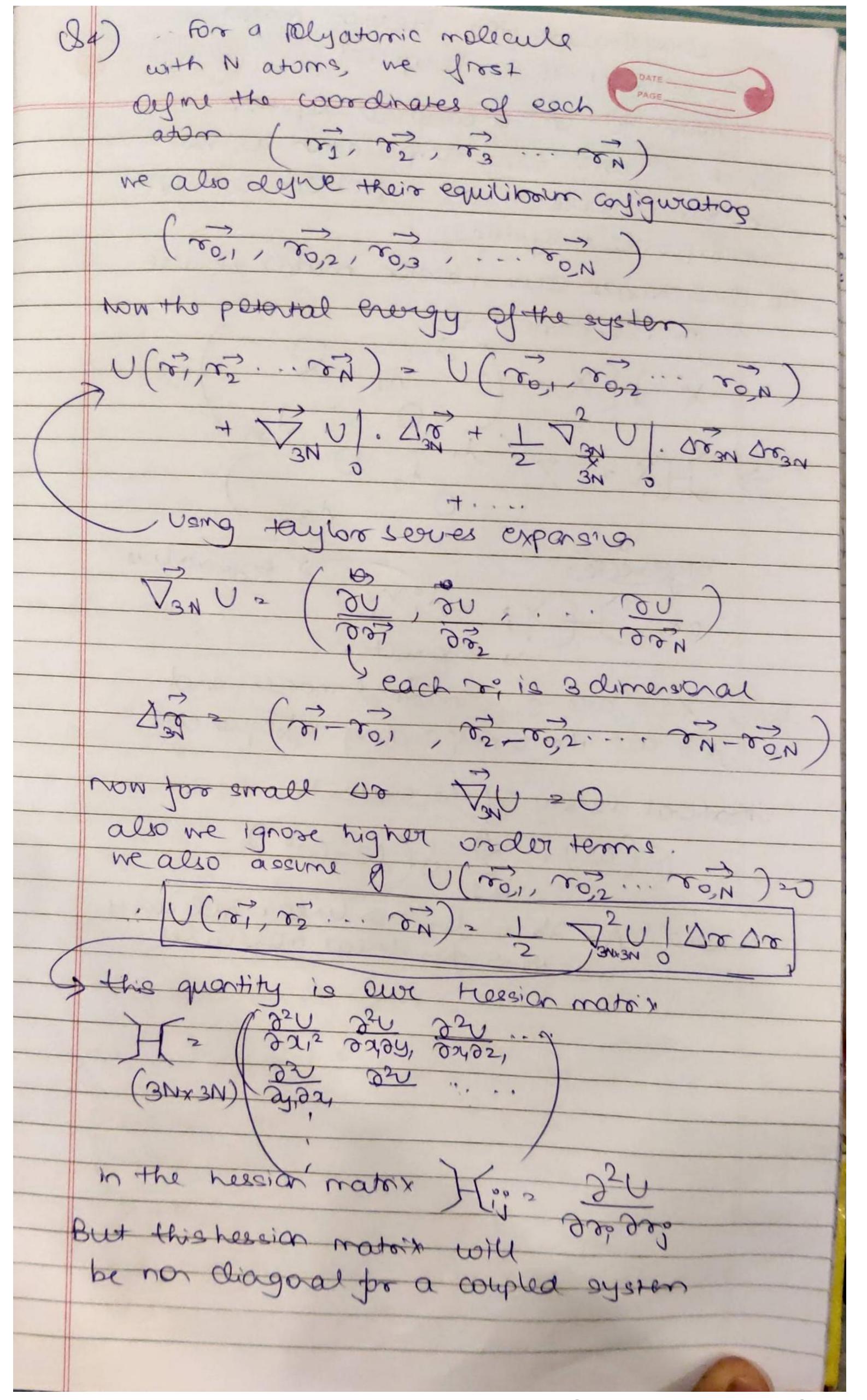
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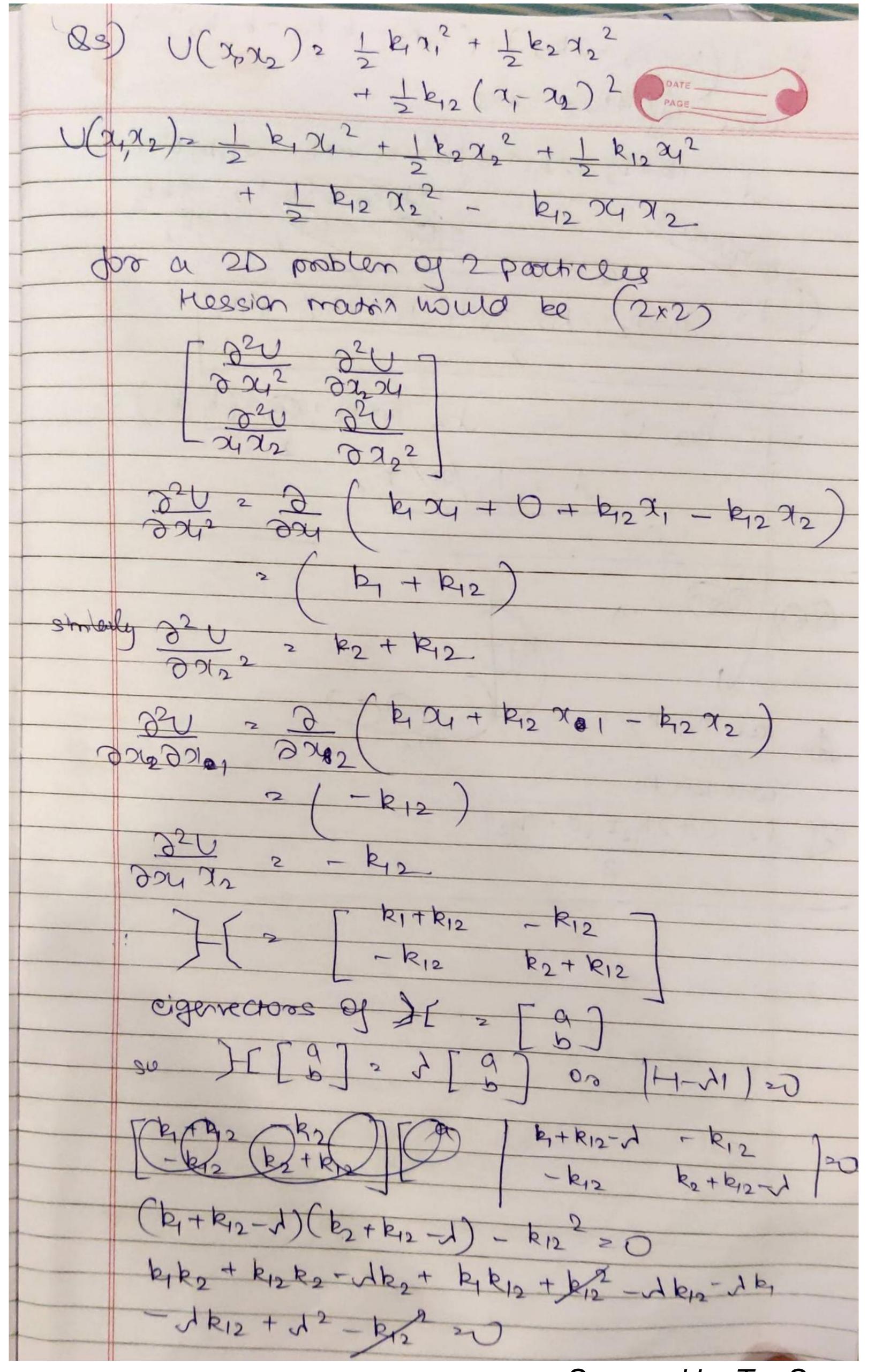
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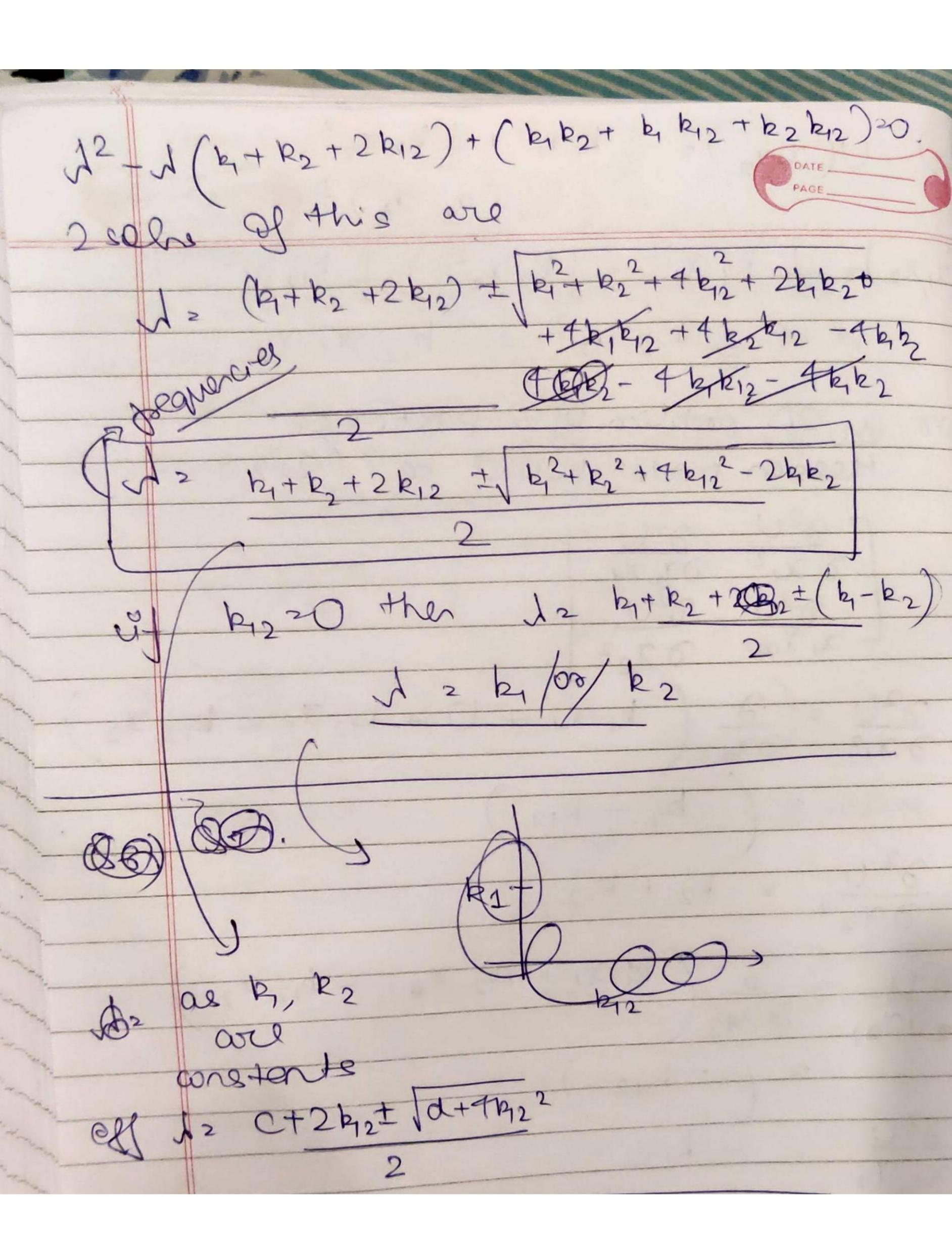
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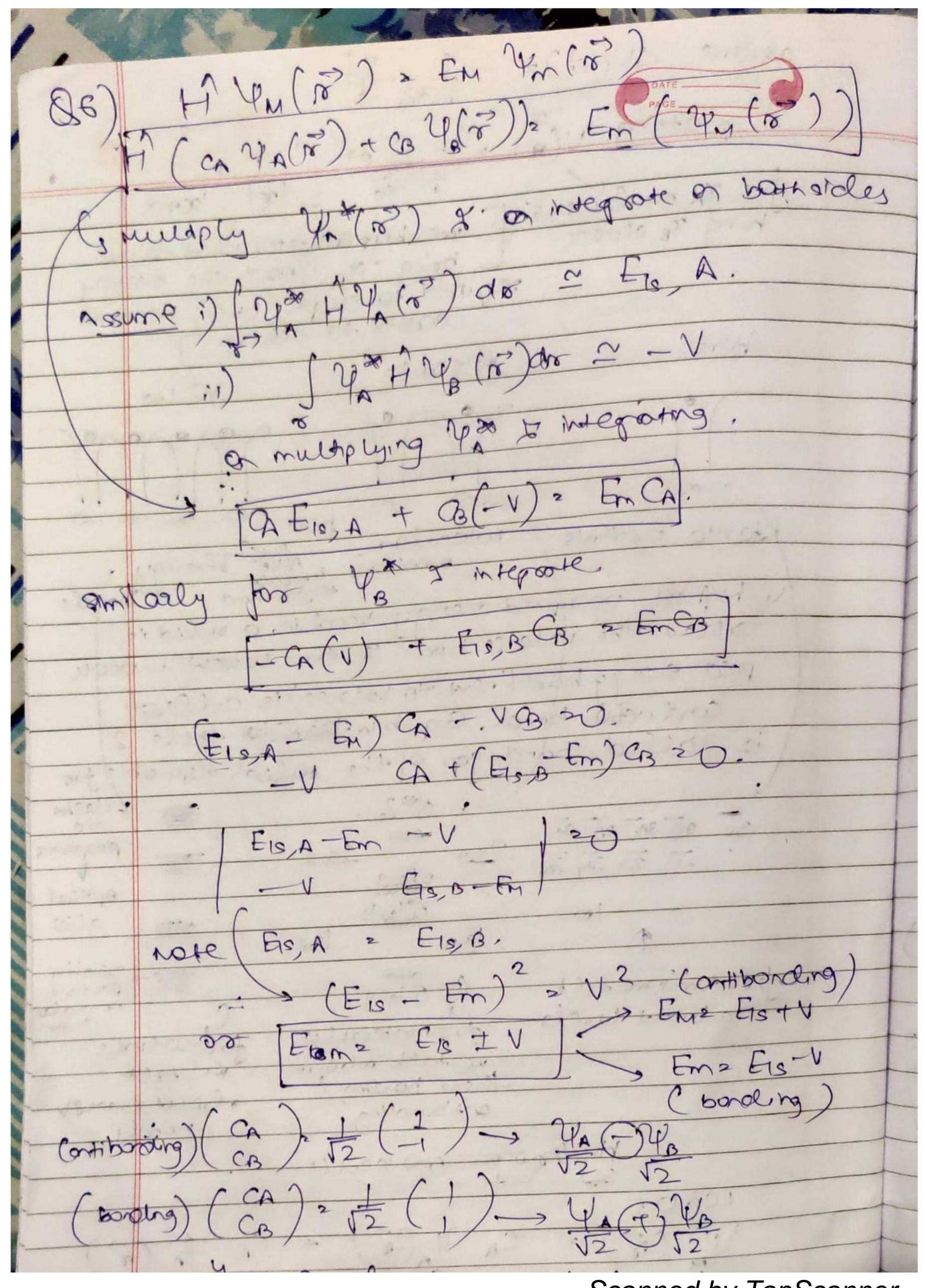


we diagonalize the Heseron maters 40 convoir this coupled system to an uncompted system which allows easy computation as me con now consider it as a problem with N independent systems. no diagonalize our hession madrix me use eign de composition. X-1 X 2 / M  $\Rightarrow \underbrace{+} \underbrace{\times}_{2} \underbrace{\times$ eigenelle or X; 21,X; eigenelle egge rector there Xi's are the corresponding afrequencies. ribooxboral density of the states is e(w) 2 5 (w-w;) A= 3N-6 dos non linear molecules 1 3N-5 pro melecules.



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They physically sepsesed diff in enorgies
of sending /antibonding osbitals.
The search is that it takes a lot of
energy to more a election from one so
bothful to other but not so much to
so whose or sotate it.

