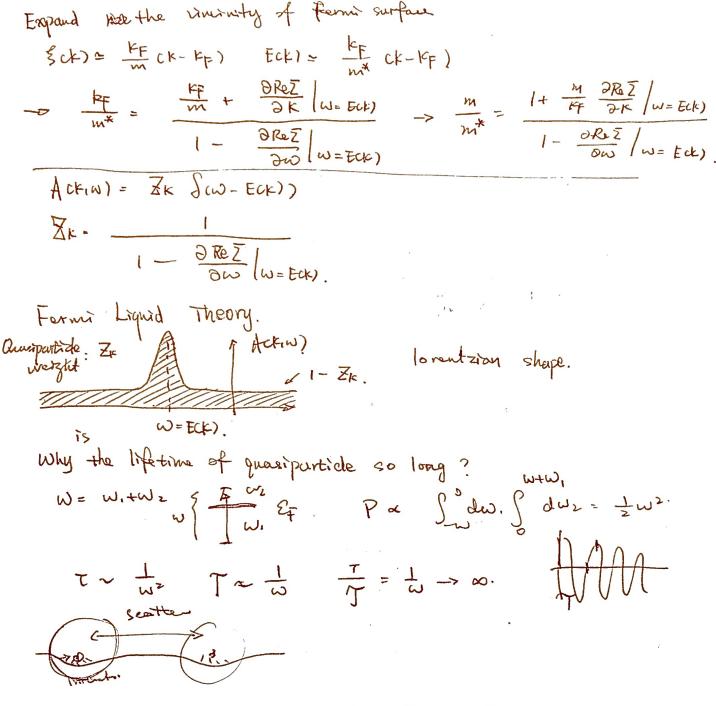
1. A Too Yang Ravers of Careally) Intersecting Permi Gos.

$$\hat{H} = \sum_{p,r} \frac{p^2}{2m} \, dps \, dps + \frac{1}{2} \sum_{i} u \, dp'_{i} \sigma'_{i} \, dp'_{i} \, dp'_{i}$$

 $E_{z}^{(1)} = -2 \left(\frac{4\pi a h}{m V} \right) \frac{np+ nB-}{2m}$

A° ck(w) = SLW - gdr). Expand in the bosis of H (...) > \frac{1}{Z} Tr [e^{BH}...]. GCKIW) = IZ Z (nlcklm) (mlckln) = PEn - PEm.

W + En-Emtis Ackin) = I I (n/ck/m) (m/ck/n) (e-BEn + e-BEm) S(w+ En-Em). = 1+0-PW [(m/ Ct/n) = BEnfcw+ En-Em) Spectral function measures the probability of finding ans excitation of energy w. and momentum K. Some other properties: $\int d\omega Ackins = 1$. $G(\omega) = \int d\omega \frac{Ackins}{\omega - \omega^2}$ Saw few, Action) = (ct ax). Self Energy: life time (+15) and effective mass. can be obtained by Dison Equation Kramers - Kronig Relation. (between read & myney time) thoughton Gukin) = W-3ck) - Zckin) - is. Ackiw) = - II (W-3ck) - ReZ)2+ (ImZ)2. Imagnay: lifetime. - FT. JINZ = T. (RZ >0) Real. part: Effective mass & quasipartide weight. (lm 2 >0) ACHWI = (W- FCK)-ReZ) [Ect) - Ect) - Re I Ct, w= Eck) = 0.



3. AR Sometimes Native Explanation of REC-BES accessor
Under construction.