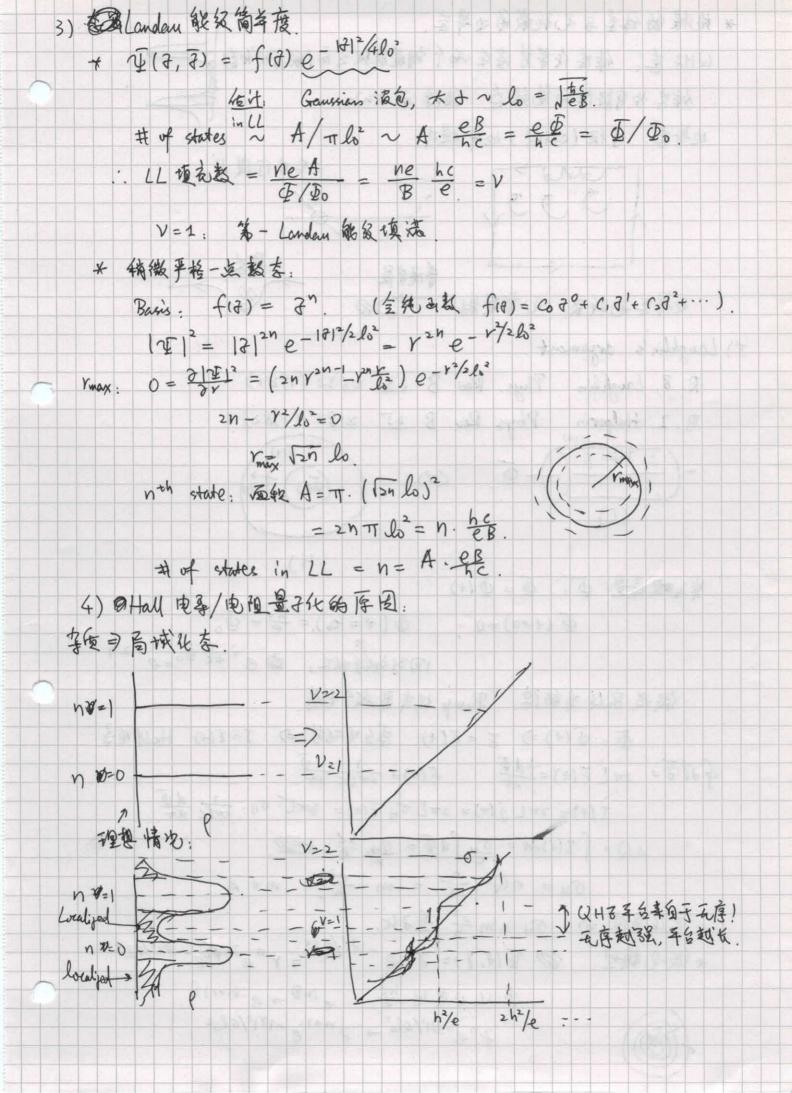
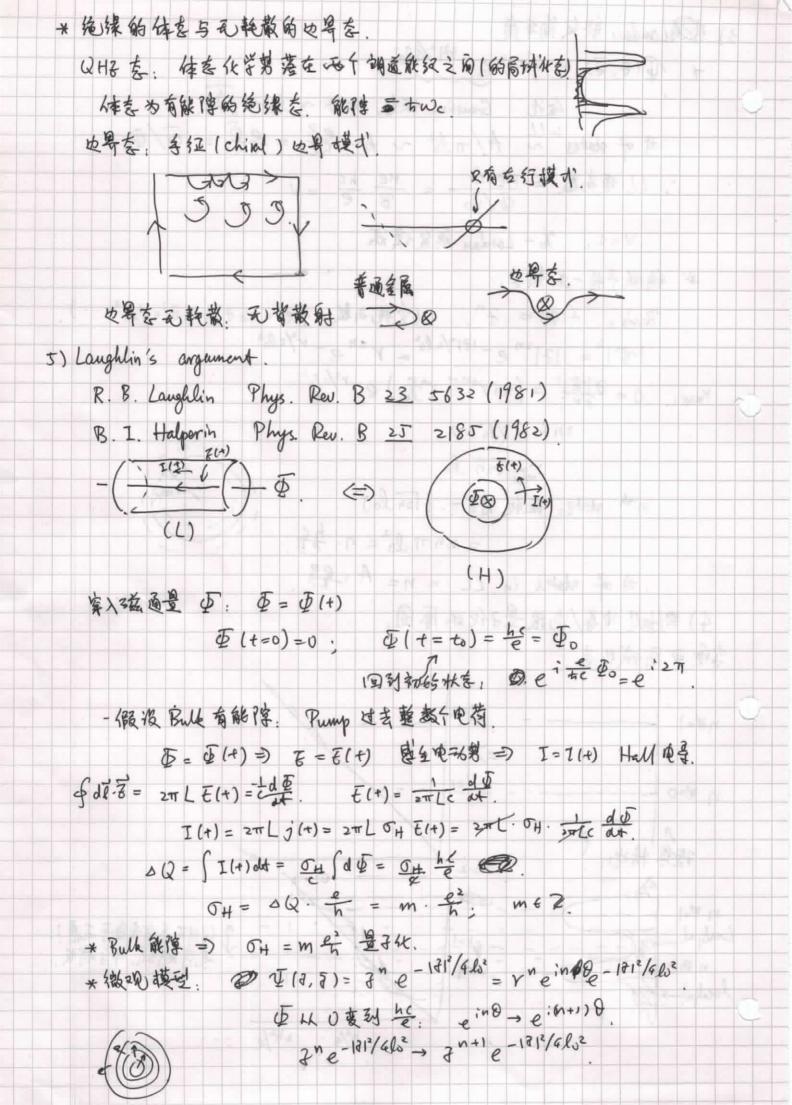
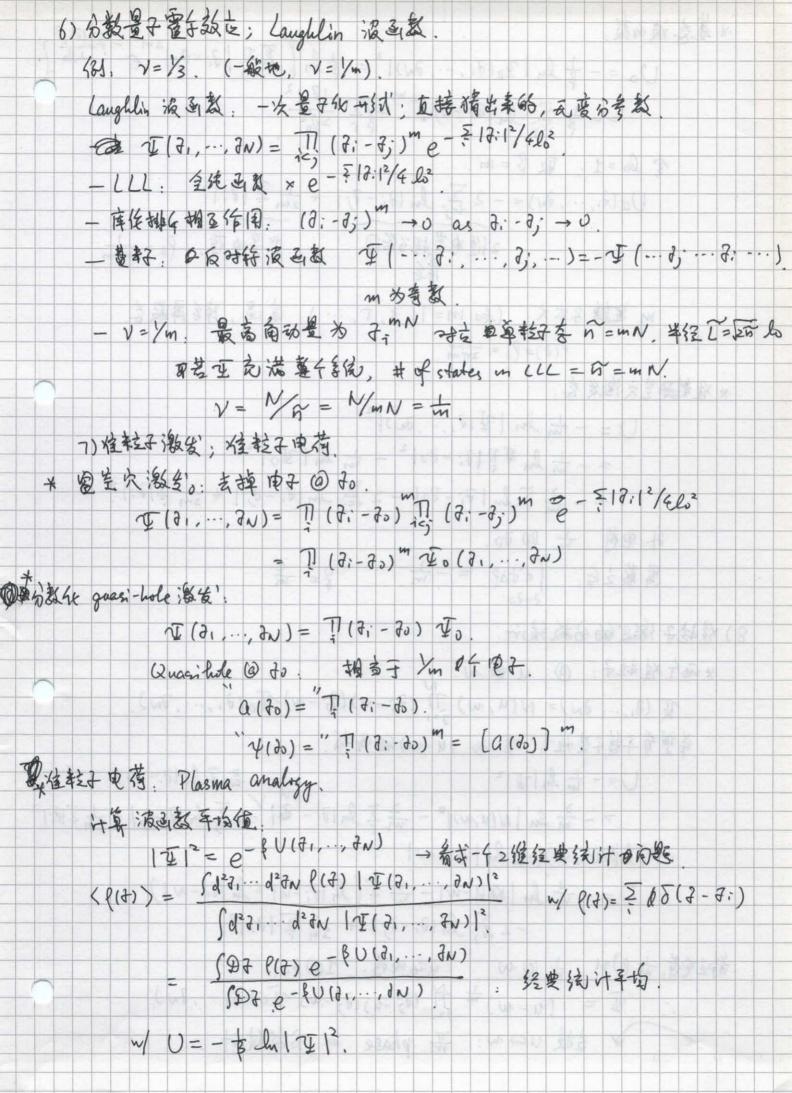


```
校建 D= Dx + iDy = 2x + idy + X+id = 2 0= + 210=.
     D+ = Dx - : Dy = 2x - : 24 4- 2/3 = 22 - 2/3
        ( ( 46 : - x6) == = 5 ( 0x - : 0y)
        = x-iy. 0== 1 (0x+idy)
  H=- = (D2+ Dg)=- = - = (D+D-+D-D+)
      [D-, D+] = [2 2 + 2/3, 200 - 2/6] = -2
   全 a= i 是 D-, a+= i 是 D+
    [a, a+]=1.
      H = # (a+a+1) = two (a+a+1).
* Landan & &: B = at a
     1回 3色节 Cyclotion frequency
                  mwer = mwev = mens
                  · Wc = PB
* $ Landan # & . Lowest Landan level (LLL).
            a147=0, or D-147=0.
            ( 2 0 + + 10 ) I (7,7)=0
        全 (7, 7)= f(7, 7) e-1812/4/63
           ₹ \(\frac{1}{2}\)= (25 f) e - 1813/463 + f (- \frac{2}{463}) e - 1813/4632
                   = ( ) f) e - 1812/4/3 - 7
          13 H2 W 2 2 T = (05 f) e -18/2/6/0 - 302 V
             (235 + 213 / V=0 => 27 f(3,3)=0
         · · f(7,7)=f(7) 为主统函数.
    LLL () 1/2 (8.7)= f(7) e-18/2/4/3.
```







```
*基交液函数:
                             Uo = - | In 120(31, ..., 2N) | = - | In [ [] [] [7: -8:] 2m - = 200]
                                         = - \frac{1}{\beta} \frac{1}{\
                         金 B=1. 版 B= m
                                 Vo (31, ..., 2N) = -2 = ln (8: -8; 1 + 1 = 18: 12.
                                                                                2维电荷期3作间
                                                                                                                                    首景电荷, Po = 1
                              m 题 3太大: (如 m=1, 3, 5,··): 高温, 库毛屏蔽 态
                                                            P(+)= P0 = 27m
     *准整皇京海发表。
                                    U = - In In 1 1 [8, ... an) 12
                                            = - in la 37/7: - 70/2 - in la 120/2
                                             = - = = ln 17; - 701 - 2 = ln 17; -7,1 + sm = 12:13
                            外电荷 · @ 形。
                            属蔽之后。 (d*+AP = - m.
                                                                                                                                   9 = e
8) 俊起子 路发的分数统计.
          *场个着鞋子: @ U 62 W.
                      I (3, ..., 2N) = N(n, m) I (3; -n) I (6, ..., 2N).
                 希望有不够不爱性。 亚为 (4-12)的母母
                                           = - \frac{1}{4\pi} \ln |V(u, w)|^2 - \frac{2}{4\pi} \sum_{i=1}^{\infty} \ln |\vec{\sigma}_i - \vec{\omega}_i|^2 - \frac{1}{2\pi} \sum_{i=1}^{\infty} \ln |\vec{\sigma}_i - \vec{\omega}_i|^2 + \frac{1}{2\pi} \sum_{i=1}^{\infty} \ln |\vec{\sigma}_i - \vec{\omega}_i|^2
                                 U=- In ly 12/2
                             3hN(u, w) = in lu - w1
                               U=-== ln 10 u-w1-===== ( ln 18; -u1 + ln 18: -w1)
                                                                         -2 2 lu 12: -8; 1 + sty = 18; 13.
      静止电荷. 前 @ 如 一 当话电荷: 1@ 7:
                         \overline{\mathcal{V}} = (u - w)^{\frac{1}{m}} \widetilde{\mathcal{V}} (\theta_{j} - u)(\theta_{j} - w) \widetilde{\mathcal{V}} \circ (\theta_{1}, \dots, \theta_{N}).
                                    → 支援 Uc> W: 新 phase = 分数统计.
```