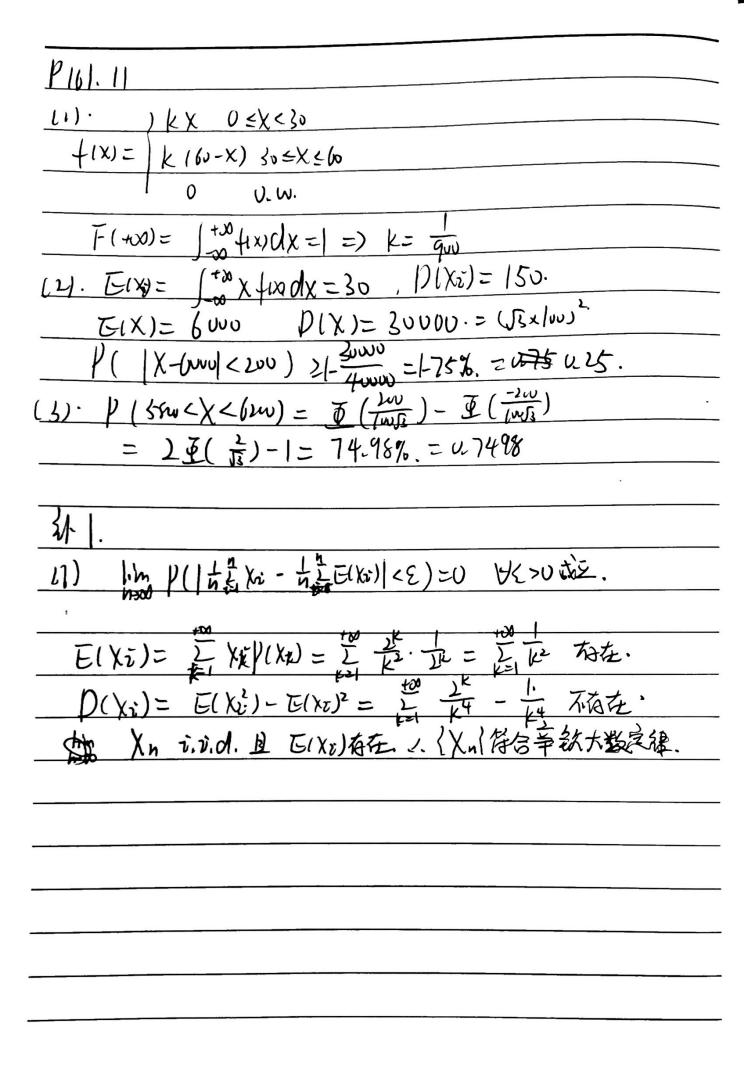
```
P160. 2
#1 G(X)=7300, D(X)=700.
  P( 50 < X < 9400) = P( | X-7300 | < 2100) 2/2100) = 0.0001
            ><del>34.84.7</del> &
P160. 5
 MULLIP (情意Xi - 片を色(Xi)) >E) 4=0, YE>U
 EE(Xi) E(Xi) = U, D(Xi) = E(Xi) = Into. In i
    ICIXi)=U, IDIXi)= ln(計i) < nlnn.
    好D(片[Xi)= かD([Xi) < mn
のか. lim P(| 古にな - 古にては) (2)と)と D(古にな) <
                                       =0
PR160.6
  1) Lim P([===== +1xt)-[=+x)dx >2)=0. 48>0.
      日子(HXI)= 告日(よ+(XI))= 告日(HXI))
           (btix). In dx 3
  EH(X1) =
    E(智音fix)= on n la fix) factix = sa fixidx. Landa. $
    ト P(15年に打な)- 15年以は(>を) < D(常計心).
 tixe ((u,b)=) tixt (ub)上部: (a fix) olx有号
 1. lim D( To Ethal) = (6-93-A=0, AC+00
  1. Horz.
```

```
P161.7
           X: MKX ASTO 632 KB
                    M= 方 E([Xi) Pに |imp(|方言Xi-方E([Xi)|<を)=|. 日く20
       b P(| 1/2 Ki - 1/2 CKi) | ( { ) > | - D(1/2 Ki)
                        = 1/2 ( PD(xi)+ 2 [ (W(Xi, Xin)).)
                                                                                                                  0 < --- < tr (ho2 + 2(h-1)6) = 12 (3h-2).
        2. P(1--- | < \( ) > | - \frac{\gamma_1}{\gamma_2} > | - \frac{\gamma_{h-1}}{\gamma_2} \frac{\gamma_2}{\gamma_2} \rightarrow \frac{\gamma_1}{\gamma_2} \frac{\gamma_2}{\gamma_2} = \frac{\gamma_2}{\gamma_2} = \frac{\gamma_1}{\gamma_2} = \frac{\gamma_2}{\gamma_2} = \frac{\gamm
P161.8
 11) APARXi. Xi~ U(U, W)
              E(Xz)= (U, D(Xz)= (W), E(X) = 75000, D(X)=25000.
                      P( [Xi > 76000) == 1- I ( 76000-7500) = 0.0 228.
   (2). P( [Xi≤Y) ≥99.9%
                                         P([Xi \le Y) = \( \frac{Y-75wo}{5w} \) > 99.9% => \( (= 76540 kw-h)
   P161.10.
                                      P( In-PICE), P=hE(ISt), En= ISti. D((1)=1/11-1)
                = P( | \frac{1}{1} \size \in \frac{1}{1} \size \
                                                                                                                                                                                            1 Yn-E(Yn) < Jn-E
                                 P( [Yn-E(Yn) | < {) = | > |
```



弘上. AHLE 12 Xi= (1 P(Xi=1)=Pi, P(Xi=0)= LPi : El Xi) = Pi, D(Xi) = Pi(I-Pi). # D(Sn)= ED(Xi)= EPi(I-Pi). よいこれでXi 、大工/i==nでE(Xi)=E(Xi)に正(音). D(5)=15/2/2/1/2/ 1. Mrs lim / ((1 7 ki - 1, 2 E(xi)) < 2) =1. 2 P(| 1/25/n - E(1/5/n) (2) > 1 - 1/4/52 (lim /(| 45n- E(45n) (4) =1. ic-the Xi C P(Xi23)=0.8, P(Xi23)=0.2 123 = C(Yi)= U1, D(Yi)= u16. : E(IXi)= 20. D(IXi)=16. P([1/230) = 1- P(=1/2630) = 1- I(=30-20) = 0.0062. 外 4. P=02 : E(Xi)= 1-6, D(Xi)= U/4. -何用Xi. 二世数Xi= E(X)= 800, 12(Xi)=320. P(INEY) 299%. PHIXISY) = I (Y-/1) P(IXI ∈ Y) ≥99 % => 99 % => Y > 841.68 KW