$$B_{n}(x) = (-1)^{n} B_{n}(1-x) \qquad x \in [\mathbb{R}, \quad n = 0,1, -1]$$

$$B_n(x) = B_n(1) =$$
 $E_n(x) = B_n(1) = \sum_{k \in \mathcal{U}} a_{n,k} e^{2\pi i k x}$
 $e^{2\pi i k x}$
 $e^{2\pi i k x}$
 $e^{2\pi i k x}$

$$i\mathcal{F}_{n}(x) = \sum_{k \in \mathcal{U}} a_{n,k} e$$

$$a_{n,k} = \int_{0}^{1} B_{n}(x) e^{-2\pi i kx} dx = -\frac{1}{2\pi i k} \left[B_{n}(x) e^{-2\pi i kx} \right] dx$$

$$a_{n,k} = \int_{0}^{1} B_{n}(x) e^{-2\pi i kx} dx$$

$$+\frac{1}{2\pi i k}$$
) $=\frac{1}{2\pi i k}$ $=\frac{1}{2\pi i$

```
22 x 24 ( 1 (u(x+h,y) - u(x-h,y)))
Leulo
            内Tay lor 展开 U1×+41, y+42)= U1×, り+ 3 21+ 3 21+ 3 21+ 2 [ 5 42] [ Uxy dy] [ 5 2 4 2]
                       十五三五三 从水水 经公约
                        十寸 荒荒 荒荒 似xixj Xxx 公约的110(h5)
  UIXth, yth)-u(xh,yth)-u(xth,y-h) + U(x-h,y-h)
                                    设置O(hu)
      = sh2 Uty + D(h4)
                                 P_{0}(0,0.5) P_{1}(0.5,0.5) P_{2}(\frac{\sqrt{3}}{2},0.5)
                                由Toy lor 磨开
                                 リノスヤカ,リ)= リスリナンコンナーコンシストラーコンシスプ
                                + 3 3 3 4 ...
        u(x+1,0,y) = u(x,y) + NO Ux+ 1/2 Ux++ D(03)
         117+120,4) = 114,4) + 2-0 4x + -12-62 Uxx + 0 (03)
     U_{x} ダ \frac{\lambda^{2} u_{1} u_{1} + \lambda_{1} o_{1} y) - \lambda_{1}^{2} u_{1} x_{1} d_{2} o_{1} y) - (\lambda_{2}^{2} - \lambda_{1}^{2}) u_{1} x_{1} y)}{\lambda_{1} \lambda_{2} (d_{2} - \lambda_{1})} 

设置 0(b^{3}). 半起 取 b = 0.5 \lambda_{1} = -1 \lambda_{2} = \frac{\sqrt{3}-1}{2}
             34/p, 5 /5 U(P1) +2U(P2)-12-53) U(P0) #
```

工、3 况维凭代码 2. Covifin, fil-4) = \int \(\int \) \\ f(1-1) \, dx - \left \(\int \) \\ \\ f(1-1) \, dx \] = [1] [1] f(+) f(1-x) dredy - [1] [1] f(x) f(u-y) dredy = 50 d+ 54 f(+) [fu-A-funn) dy + 50 dy 50 f(+) [fu-x) -f(1-y)] dy = 5 d d Soffet - fry) [fu-th - fu-th) dy &s 可和 In= 动气((xi) * f(1-xi)) EIn= I4) Vor IN = \frac{1}{2N} (Vor(f)+ Cov (fix), f(1-x)) = \frac{1}{2N} Vorf 1. Al 5 > 6') = 1+ e-BH(0) + BH(0')

derailed balance \$5+ PLO, 0') = GLO, 0') A(0,0') $\pi(\sigma) P(\sigma, \sigma') = G(\sigma, \sigma') \pi(\sigma) A(\sigma, \sigma')$ = G(5,5') e-BH(6)+BH(6')
1+e-BH(6)+BH(6') = G (5,0) = BH(0) + eBH(0) = G(0',0) T(0") A(0",0") = T(0) P (0,0) #