```
Y= Dtx
      T_{i}^{n+1} - T_{i}^{n} = Sin(Sx) \Delta t + \Delta t \times \left(T_{i}^{n+1} - 2T_{i}^{n+1} + T_{i+1}^{n+1} - 2T_{i}^{n+1} + T_{i+1}^{n+1} - 2T_{i}^{n+1} + T_{i+1}^{n+1}\right)
Tent r(Tin-278-4713)=-Of Sin(Sx) - r (Tint) - 2Tin + Tint) + Tint
Tin (1-2r) + rTin+ rTin= Tin+ (1+2r) - rTin+ - rTin-1 - At sin(5x)
       (1+54)
                      (1+2r)-r
            b2= Ti(1-2r) + r(Ti+1) + r(Ti-1) + At sin(5x)
                = T2(1-r)+r(T3")+r(T,")+Dt sin(5.2.0x)
```