

演習4

```
void main (int Number){
    int i;
    double pi=3.1415926535;
    double x[N],y[N],t[N];
    for(i=0;i<N;i++){
        t[i]=3.0/N*i+1;
        x[i]=cos(pi*t[i])/(pi*t[i]);
        y[i]=sin(pi*t[i])/(pi*t[i]);
    }
    Used_Font_Size=30;
    Set_figure(2,2,4);
    Axis_xcap(1,4,"t");
    Axis_ycap(-0.3,0.3,"y");
    Plot1d(y,N);

    Set_figure(2,2,1);
    Aspect_ratio(1,1);
    Axis_xcap(-0.3,0.3,"x");
    Axis_ycap(1,4,"t");
    Plotxy(x,t,N);
```

```
Set_figure(2,2,3);
Aspect_ratio(1,1);
Axis_xcap(-0.3,0.3,"x");
Axis_ycap(-0.3,0.3,"y");
Plotxy(x,y,N);
Grid_on(3);
}
```