知识点

plain宏包：主要放了一些save文件的函数；

plain\_arcs宏包:

//画圆 //c圆心,r半径

path circle(pair c, real r)

//画椭圆 //c 椭圆心，a长轴，b短轴

path ellipse(pair c, real a, real b)

//画圆弧 //c为圆心,z1为起点, z2为终点, direction有CCW(true)和CW(false)

path arc(pair c, pair z1, pair z2, bool direction = CCW)

//画圆弧 //c为圆心, r为半径, angle1为起角, angle2为终角. Direction自动判断.

path arc(pair c, real r, real angle1, real angle2)

//画圆弧 //这里必须显示给出direction方向

path arc(pair c,real r,real angle1,real angle2, bool direction)

plain\_arrows宏包:

//arrowbar:

Arrow(arrowhead arrowhead=DefaultHead, real size = 0, real angle=arrowangle);

BeginArrow

EndArrow

MidArrow

Arrows

Bar BeginBar EndBar Bars //两侧画垂直小短线

//arrowhead类有:

DefaultHead SimpleHead HookHead(real dir=5, real barb=3) TeXHead

void draw(picture pic=currentpicture, Label L=null, path g, align align=NoAlign, pen p=currentpen, arrowbar arrow=None, arrowbar bar=None, margin margin=NoMargin, Label legend =null, marker marker=nomarker)