= Comples numbers 6/1/2 (a+jb) a,b: real numbers 实的 J=J= Imaginary unit 虚部 x2+1=0 complex plane Re (real axis) Im (imaginary axis) Rectangular form (a+76) Polar form 极坐标 A = Ja2 + b2 4 = atom 2 b (atanz = atan & &I +17 3/32 便是aton 2可以处理 a=o而 b +o 的情况) where if (a70) atom $2(\frac{b}{a}) = \arctan \frac{b}{a}$ else if (aco) atan $2(\frac{b}{a}) = \arctan \frac{b}{a} - \pi$