ALG UM 387) (1) 22: Vx algebraische Zahl If EZ [x] \ \ 03: f(x)=0 & .. algebraighe Zahl: (=> & E Al = Q p(x) = \frac{1}{6} \times \frac{ b := 111 b;  $b_{1} := 111 b;$   $b_{2} := 111 b;$   $b_{3} := 111 b;$   $b_{4} := 111 b;$   $b_{5} := 111 b;$   $b_{7} := 111 b;$   $b_{1} := 111 b;$   $b_{1} := 111 b;$   $b_{2} := 111 b;$   $b_{3} := 111 b;$   $b_{4} := 111 b;$   $b_{5} := 111 b;$   $b_{7} := 111 b;$   $b_{1} := 111 b;$   $b_{2} := 111 b;$   $b_{3} := 111 b;$   $b_{4} := 111 b;$   $b_{5} := 111 b;$   $b_{7} := 111 b$ bp(x)=6.0=0 (2) fezex J. grad (3)=n r= g p.g. teiberford f(n)+0 22: 1f(n)/ = gn ack a ... algebraich iom graph n => 3c>0: Vp, g & M, g # 0: 1 x - 2 > 2 m Da a algebraich ion gend n If(x) EZ [x]: ged(f)=n n f(x)=0 norch Punkt (1). Sei p, g EN, g = 0 hel. Falls