



of IF Ris an integral corried ming
C) IF R is an integral closed ming.  Show that the polynomial ming.
Show that the polyhouraint
Show that the Upolyhour domain! RENT 15 also an integral domain!
1 d'ameils
301%: Green Ris Integral d'orneuls.
for any dibER
a.b = 0
=> a=0 or b=0
THE PROPERTY CARD CARD TO THE PARTY OF THE
1et 90+912+0222++902 EFEN
TO GOTGINT GOVERNMENT OF A CO
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botbint bon to the ERCAT
15
any two elements in Ring RINI
consider and white the mail of the
(gotant gint tann) (botbia + tann)
(90+9m+ 92n2+ +9n2) ( botby2+-+6n2)
= 0+0x+0x+ t0x "")
O hoth
190 t (90b) t 9166) nt - + 90 boin
(3) = 10 + mon+02 + + 02 mily
but two polynomicals cere equal
361 6 2 3 1 3 1 2 50 20 10 20 20
25 Joj 0; 5; TE
Cath (acl) by
is by compering we get all toutherent
(and 1 92 ban = (10)
but 9n 200 signal by 100
SINGER AND
30 3 CIEMANI QUEDITOR 500 20
=> arm 9 = 0 +1 - or 6 = 0 +1
li either gotgat-+g-20-0001
li either gotgat-+g-20-0001