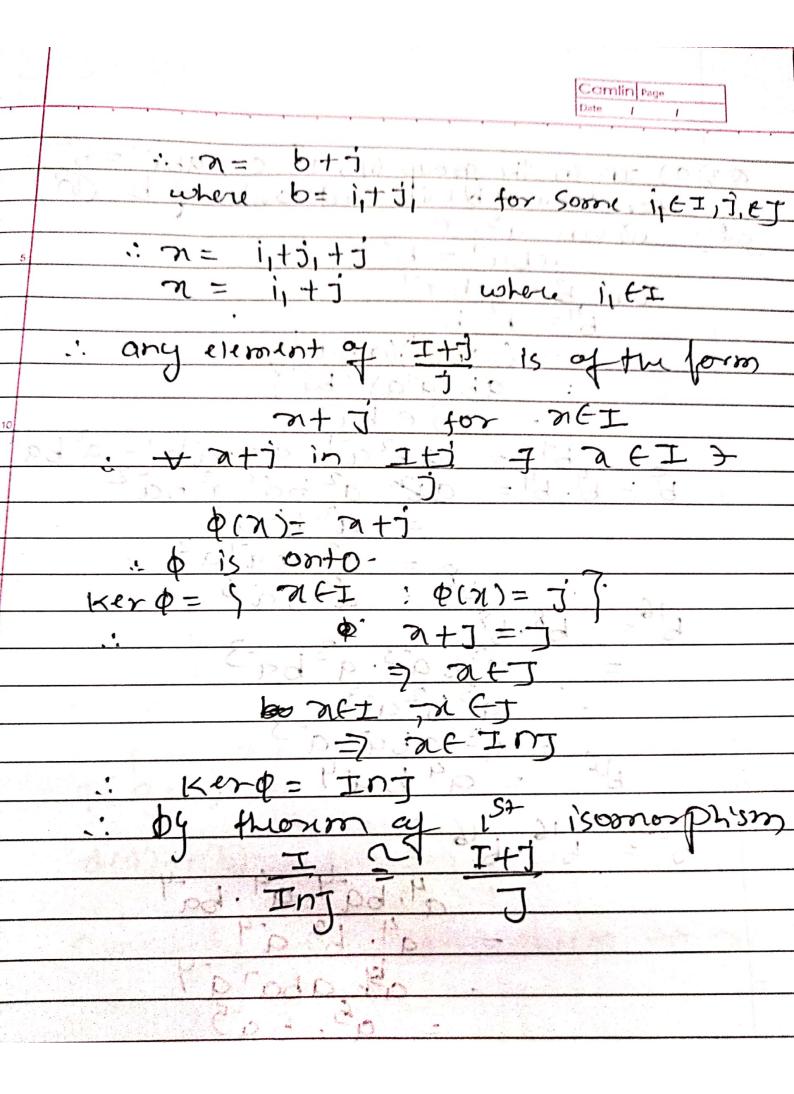


acidlut _ I 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 1 2
Since n is the least positive of with the property that not in a must have
Since n is that bit
- with the have
+=h
thuy his prime
Li North Marin Day
in a Ring
a) 2) a] Let I and I be ideal in a Ring
R. Then prove that the quotient of
The grade with a half the state of the state
0 000 1 T = 10 T (VIII 10 000)
THIS also ideal
T will be ideal of ITI
= I+J is well defined-i.e. a
I soil mostral hospital or si A = - l'os
940 Hichtening of mis suitablement
- dlso let o! I-> it+Jul
at white order that to I at
Land & 100 Octor A(a) = ratio outron on
ue have to prove of is onto hororo isosph
10011 Q(2144) = Highty 457 1 9200000
100/04/03 W14/2007 =412/07/41/41/41/10
25 D(x+4) - b(x) + b(4)
dainer of the state of the stat
662.41=5 214+7
$\alpha(\gamma, \gamma) = \alpha(\gamma) \cdot (\alpha(\gamma))$
41 0) = 4(1) (P(g))
30 15 homomopphism
I let ne It I be arbition



9-3)9) If in the group G, 9=e, 960=6
for some a, b (G) find order of b. (B) sol - Given $a^5 = e$
sol-Given a5=e
aba' = b'
$aba' = b$ $b' = b^2 \cdot b^2$
= (aba)(aba)
$= ab(a^{-1}a)(ba^{-1})$
= abeba
by = ab2a = a aba a = a ba
b = b . b = ab a 2 b a 2 a b a 2
- 02 h2-ci-2
$a = a^2 aba^{-1} a^{-2}$
1
b)6= 68.18
3 3
$= \frac{9^{3} 6 a^{3} \cdot 9^{3} 6 a^{3}}{3 b^{2} a^{3} 3}$
$= q^3b^2a^{-3}$
$= q^3 aba^2 a$
= $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$ $=$
add francis at the processing in
b = 6 6 ED I
24. ba 9. a4. ba
- 4. 62 0-4
ty 01-51-6-4
25 - Q1. Q 6 Q 1
= 9.59
32 = 666
1. b = b
∠ b ³¹ = e
。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。。
Scanned with CamScanner

