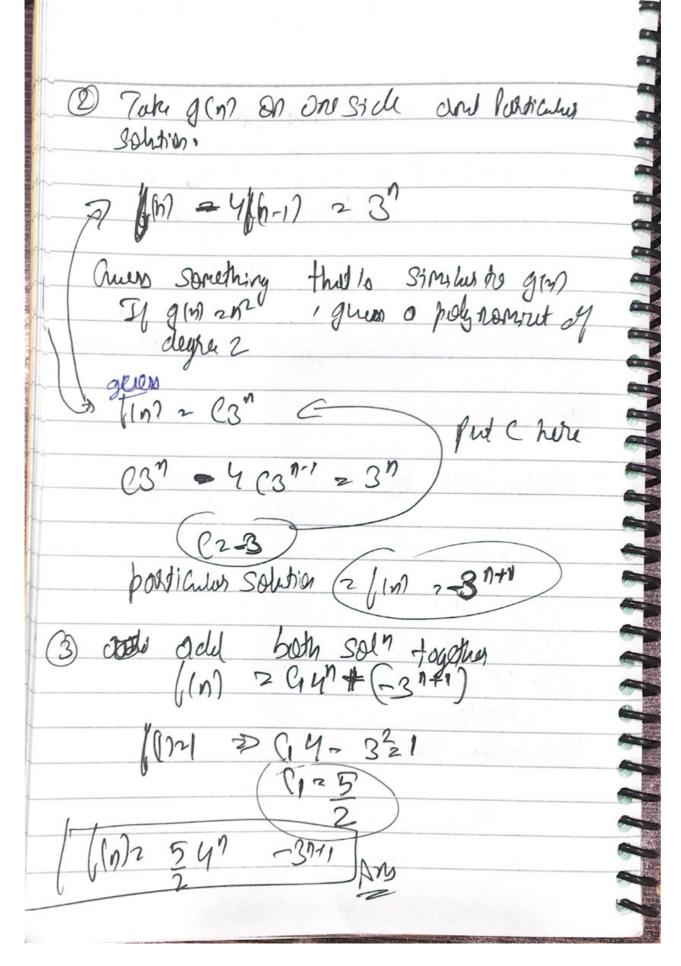


0222a-0120 (21) double hout 16 or to repeated or time 3 (m) = ((2)" + (2n2" 2 C1 4 (21) 11020 8 1/1/21 (1072 07C1 (17717 (1+C2 pros (IN)2n DIm Complemy 3 O(N)

Non-homogeneous - Lineur De Currences
[(n) 2 d1 [(n-1) + 42 [(n-2) + U3] 1n-3+- + ad [(n-4) = g(n)
Lhu this exista function is there
How to salve
Dreplace g(m by 0 & solver usually
1(m) = 4/(n-1) = B)=0
$\frac{240^{n-1}}{000}$
Q = 420 $Q = 420$
Homo geneous Solution
(1m) 2 (1 an (1m) 2 (1 4n

THE RESERVE TO STATE OF THE PARTY.



HOW do he guess pardiantes som?
If g(n) is emponedial, guers of Sura type For g(n) 2 2n+3n guers of Sura type grees 2 1 mm2 02 1 + 63n
Sh girl 16 polynomial grus of som degree En 2 gins 2 12 2 guess of somy degree
and but to of (n)
2/ g(n) > 2 + n ginn / (n) = 02 m + 6n+60
The green larks other the legal of
(02n+bn+1) 2m

Eu = (11) = 2(1n-1) -+ 2" //1021 1 mm 2/10-12 1/972 ×n $\alpha^n = 2\alpha^{n-1}$ @ gues portales solute gn 27 02ⁿ 2202ⁿ + 2ⁿ 02ⁿ 202ⁿ + 2ⁿ 020+1 X Lirong horu gwo on other from our rooks Stules

(n) 2 (nh) 2" anon 24 = 2 (arni +57 241 +24 QN+b 2 QN-U+b +1 (M) 2 M 2 1 / Postibiles solution (m = C1 2" - n2" (0) 2 CA 2 1 (121 In 2 2 7 + 12 m Complening n2"