CSC 02/04/20	
long que thus day, it	you finish early you can
	subset, subset ^c ,
binary strings Ea, b, c, d, es	matching (1-1, onto) bin.stv., bin.stv.
01001 subjet: {b,e	
# (Strings of length in with	m ones) = ((u, m) = # (m-subsets of an in-set)
	h n)=((n,0)+((n,1)++((n,n)=Z"
	000
C(no) + C(n,1) + ·· + c(n Structural property of PA	sn) = 2", proved via bin.str. S(AL's (binomial) numbers in rown
10 / M-1) 1 to = to = 1:	ntl hundred in row h
(Cn,m)= m(m-1) (m-m+1)	structured property
((n,m)= ((n,m-1) = n-m+1	
((n,m)= ((n,n-m), a str	uctual property
((n,m)> ((n,m-1) if	1-m2 >1, i.e. n-m+1>m
what happens when m= n+1	i.e. h+1>2m
((h,m)= ((h,m-)
Ulen u I	is even, no true consecutive terms equal
mention committee	1 man
1 7 ' ' ' ' ' ' '	QVC-17
1 = 1 1 1 = 1	
	A COLOR

adding odd tems gets you smething

((n-1+n-1, n-1)=((n-1+n-1,n-1) H (paths from 10,0) to (1-1, m-1))

1+4+6+4+1 = 24 [+ stic+12+5+1= 25 1+6+15+20+15+6+1 -26 1+7+21+35+35+21+7+1-27 ((n,0)) ((n,2)+ .. + = 2n-1 1 (Structual property)

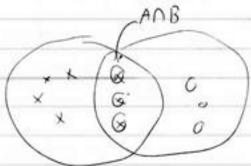
1 76+1 = 23 +10+5=24 1+15+15+1=25 1+21+35+64-26

gercial statement ((4,1)+ ((4,3)+...+=2n-1

illustration

((ng0)+((n,1)+...+((u,u)=2n-(+2n-1=2n

2"-1 = c(n-1,0) + ((n-1,1)+ ... + ((n-1,n-1) c(h,m) = ((n-1, m-1) + ((n-10, m) ((h,1)= ((h-1,6)+((n-1,1)) ((n,1)+((h,3)+...



ERKRNNN r Krurun FEBNAEN RRRUNNP RRNRRNN RRNRNRN KYNRNNR RRNNRRN

1A1=7 1B1=6 1A1B1=3

RENNENE

10 = IAUBI AI+ BI - IADBI = IAUBI RRNNNER A are B disjoint, ANB=\$ IANB =0

1AUB = 1A1+1B1

= # (wys to ux y R-mes in 7-may = ((7,4)=((7,3)=35

