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divide AUB into three parts,

m= ANB

AB=PU9, (AUB) a (ANB)

= (Pumug) sm = puq.

3- ADB = (AUB) DUANB).

2) Because there're only 2 sets, so we just need to determine there're how many conditions in the first set. Sn 2 Ch + Cn+ --- + Cn

= (Cn+ --- + Cn) - Cn

= 2n-1-1.

3) an= 1 + 1 + 1 menti)

= 1-2+ 1-3 -- - noti

= n+1.

? nis odd, tn= Cn-2"+ Cn-2"+ Cn-3+---+ Cn 2 2 4)

tn1=C1 -2 + C3 -2 1-4 + -- + C 2 -2

if nis even, tn= Ch. 2n-1 Ch. 2n-3 --- + Cm. 2 =

tri 2 Cmi 2 + --- + 6 2 . 2 2.

tn-tn-1=3n-1

tn = tn, +3ⁿ⁻¹.

