I R=-a Aeike+13e = Cela+De I v = +a cela + De = Feika derou above a Aihe - Bike = cle Dle la
A-iha - Beiha = el cela Dela X=+a clela-Dlela = Fikeiha

Cela-Dela = Fikeiha

Cela-Dela = Fikeiha TV THU Cela = Feika(1+ ih) $C = \frac{\text{Fe} \cdot \text{lag-lag}}{2} \left(1+\frac{\text{i}h}{2}\right)$ T-V De = Feiha(1-ih) D- Fe elaginh THE TACKE = Ce expela + & (cela-Dela) ZAEika= Ce (1+ 2) + Dola(1- 1) ZAeiha - Feika 2Ra (1+ EX)+ Feiha ela (1-ik) (1-ik) Goal: Collect factors - move F techa to Little 5:

A e ziha - - zla(1+ l+ ik+1) + e zla(1- ik- l+1) = -229(z+0-k2)+229(z+k-1) = e-zla(zikl+12-12)+ ezla(zihl+h2-22) = e-rea (etih) +erea (k+ol) 4:hle = e rla (etik) + e rla (k+il) 2
Goof: Remove is: A 1216 h 02 = [e -22@(l+ih)2+ e 20@(k+id) [e 20-ik) + e (k-il) = e (e+ih)(e-ih) + e (n+ie) (k-il) + (l+ih) 2(h-il) + (n+il) 2(0-ik)2 = e "laterial + e "laterial h-is) 1 + Lek-iltik+ke]+Lke-iktil+lk] = -42a/22+k2]+ e42a [h2+22]2 [zln+i(h2e2)]2+[2lk-i(h2-e2)]2 =[e+k](e+e)+4eh-(h-e)+4eik(h-e) +40 1/2 - (h2-e2) - 4eih (12-e2) 14/2/6 hl = Lethi] (-42a 42a) + 82h - 2(k-2)2 1/2 - (02+h2) cosh 4la + 1 - (k2-e2)2 1/2 - (02+h2) cosh 4la + 1 - (k2-e2)2 8 k262

see if It is therme simplify: 07+12= 2mt + 2mb - 2mt h2-12 = ZNE - ZNO 12ME. = 4ME - ZMV° 1222 = Zm = Zm (Vo-E) = 4m2 = (Vo-E) A/2 = Vo Carsh 4la + 1 - (ZE - Vo) Z 8 E(Vo-E) Z Z (ZE - Vo) Z 12= Vo conh 42q - (ZE-Vo) + 4E(Vo-E) = V2 coh4la-4E2-152+4E10+4E10-4E2 8E(VO-E) A 2 = Vo cool 4la -8E2 +8EVa - Vo2 |A|2 = V,2 (cashyla-1) - 8E(E-Va) = V2 (cosh4la-1) + 8 E (V0-E) SE(VO-E)

7 12 = 14 = Vo (cosh4la-1) +1 Prophythosar ongle formule