

Show -f(a,b,c) + f(a,b-1,c+1)>0

a+c-2c+ 2ex(c+1,+)-...>6

$$ex(c,F) = ex(c,K_r) + ex(c,F)$$

$$a - c + 2 \left[ ex(cel,F) - ex(c,F) \right] > 0$$

$$a - c + 2 \left[ (c+1) - \left[ \frac{c+1}{r} \right] + ex(c+1,F) - ex(c,F) \right] = ex(c,K_r)$$

$$r = \chi(F)$$

ex(c+1, +) -ex(c, F)

 $= C+\left[-\left[\frac{C+1}{r-1}\right]\right].$ 

e(b,) + ( (b) + e(b)

In a G; has 
$$\leq \lfloor \frac{N^2}{n} \rfloor$$
 cape  
remove it  
 $e(k_i, f) \geq \lfloor \frac{N}{2} \rfloor$   
then  
 $\Delta(G_i) \geq \lfloor \frac{N}{2} \rfloor$ 

€ e(G1/162) + e(G2/163) + e(G, NG3) + e(61) - e(51062) = e(6,1 + e(6,063) + e(6,063) { (n) + 2 n / (n) / (n)

Ahronin Gis is 2 m [ ] > (h) done if m > (n)/[n]