9710006

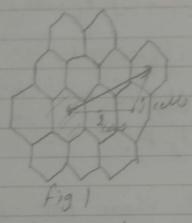
over 1 1

Priestron 5(4)

now we have set onles from noving cell

is we can more i cells in any chain of its we can more 60 Arts counter clarkwise direction

represented in below diagram.



now distance blu too adjust cells are

V3R

tow consider following figure 2 from

92160006 from Eg 2 we can say that ACT = AB ADZ + 8 DCZ = (1+jsim30)2+(jcos30)2 = 12 + 2 ij sin30 + j3in30 + jco3 30 = i2 + 2(t) ij + j2 (5, m230 + cos230) = i2 + ij + j2 -0 now, if rudius is R then for histagon we can give area A = BR2 whre B = 353 = 2.598 60, Areas & of cell is Acer = BRL & Arren of first tier herengon is Alonge = BD2 So, total no of bell in first tru henger; Alafay = de +/is Figt

8216006 for O monn = \$ j2+1j+j2 Jo D = 13R Proms = 3R 5 34 4 5 12 do, total wo of cell in hunagan first from Along = P( \s \Ji216 13) P2 = 3 (12+11+12) total wook cell from in first tim hearson  $N + \frac{1}{3}(6N) = 3N$ from ( ((i)) So, 3N= 3(12+1j+j2) : N = ; 2 + ij + j 2