

 $+(-2)^{n}$ $b_{2}^{P} = nc \cdot (-2)^{n}$ 2. grass: bh= atbn a + bn = a + b(n-i) + b(a + b(n-2)) + (12n)n: k = k + 6b + 12cont i k = k - b + 6a - 12b 7 136 = 69 $a = \frac{136}{6} = \frac{-26}{-\frac{13}{2}}$ $b_{n}^{A} = -\frac{13}{3} - 2n$

Last time : Graphs Isomorphisms, Legre seguence Walk, open (closed / tra.), path/ circuit / c ycle Connected graphs Connected corponents More subtle connectedness! Vertex connectivity of G = K(G) min # vertices more removal disconnerts G Unless $G \stackrel{\sim}{=} K_n, \kappa(G) = n - 1$ Edge connectivity of G=266) min # edges whose removal disconneds G









Heret meres an ideal solution, ous walk subses even edge exactly once. Définition: An Euler circuit tor a graph G is circuit that uses all edges. Ex? / the former of the former Solution to postnian pristen has redundancy (a,b,c,d,b,2,a) Observe : 4 11f G has an Euler circuit than G is connected.





Vertex has even degree.

