**прогрессии**

**А.П Г.П**

An =a1+d(n—1) bn=b1 gn-1

d = an+1— an = $\frac{а\_{n}-а\_{к}}{n-к}$ g=bn+1: bn = n-k√bn: bk

an =(an-1+an+1):2 (bn)2 = bn-1\* bn+1

Sn = (a1+an) n Sn = (b1-bn g) =b1(1-gn)

 2 1-g 1-g

 S= b1 .

 (1—g) где│g│<1

an+ak=am+ ac bn\*bk=bm\*bc

где n+k = m+c

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