Summur runa eru kallaðar raðir

Táknaðar með

$$\sum_{i=k}^{n} a_i$$

Nokkrar sannaðar runur

$$\sum_{i=0}^{n} i = \sum_{i=1}^{n} i = \frac{n(n+1)}{2}$$

$$\sum_{i=0}^{n} (a + id) = (n+1) \cdot a + d \sum_{i=1}^{n} i = (n+1)\left(a + \frac{nd}{2}\right)$$

$$\sum_{i}^{n} ar^i = a \frac{r^{n+1}}{r-1}$$

$$\sum_{i=0}^{\infty} ar^i = a \frac{1}{r-1} \text{ ef } |r|<1.$$

$$\sum_{i=0}^{n} i^2 = \frac{n(n+1)(2n+1)}{6}$$