

$$1 + 2 + \cdots + n = \frac{n(n+1)}{2}$$

$$1^2 + 2^2 + \cdots + n^2 = \frac{n(n+1)(2n+1)}{6}$$

$$1^3 + 2^3 + \cdots + n^3 = \frac{n^2(n+1)^2}{4}$$

$$R^{\mu\nu} - \frac{1}{2}Rg^{\mu\nu} = 8\pi T^{\mu\nu} \tag{1}$$

$$R(U, V, W) = [U, V]W - U[V, W]$$







