$$\sum_{n}^{\mathbb{N}} \overbrace{\frac{\frac{n}{z}}{1+z}}$$

$$\sum_{n}^{\mathbb{N}^{\times}} {}^{nz}\mathfrak{c} / n^2 \rightsquigarrow \Leftrightarrow z \in \mathbb{R}$$

$$\sum_{n}^{\mathbb{N}^{\times}} n \, \overline{\frac{iz-1}{iz+1}}^{\,n}$$

$$\sum_{n}^{\mathbb{N}} (-1)^n \frac{4^n x^{2n}}{(2n)!} = {}^{2x}\mathfrak{c}$$

$$x^2 - \frac{x^4}{2} + \frac{x^6}{3} - \frac{x^8}{4} \pm = \text{ known function}$$