$$^x\mathfrak{e} = \sum_{n}^{\mathbb{N}} x^n$$

$$^x\mathfrak{c} = \sum_{m}^{\mathbb{N}} -1^m \, x^{2m}$$

$$^x\mathfrak{s} = \sum_{m}^{\mathbb{N}} -1^m \, x^{2m+1}$$

$$^x\mathfrak{a} = \sum_{m}^{\mathbb{N}} x^{2m}$$

$$^x\mathfrak{h} = \sum_{m}^{\mathbb{N}} x^{2m+1}$$