$$\mathcal{X}_{n}(1+\frac{1}{2^{n}})$$

$$\mathcal{X}_{n}(1+\frac{1}{2^{n+1}})$$

$$\mathcal{X}_{n}(1-\frac{1}{2^{n+1}})$$

$$\mathcal{X}_{n}(1-\frac{1}{2^{n+1}})$$

$$\mathcal{X}_{n}(1+\frac{1}{2^{n+1}})$$