

$$\frac{(2-n)^2 n}{2n^3 - 3n^2 + 6n} \rightsquigarrow \frac{1}{2}$$

$$\frac{(3 + \sqrt{n})^2}{n+1} \rightsquigarrow 1$$

$$\frac{\sqrt{n^2+3}}{2n-1} \rightsquigarrow \frac{1}{2}$$

$$\frac{n^4 - 2n + 1}{n^3 - n^4} \rightsquigarrow -1$$

$$\frac{n^3 + 2n + 1}{3n + 1 - 2n^3} \rightsquigarrow -\frac{1}{2}$$

$$\frac{1 + 2 + \dots + n}{n+2} - \frac{n}{2} \rightsquigarrow -\frac{1}{2}$$

$$\frac{n}{n + (n^3 + 1)^{1/3}} + \frac{1}{n} {}^{2n}\mathfrak{f} \rightsquigarrow \frac{1}{2}$$

$$\frac{n^2}{n^3 + 2n + 1} {}^n\mathfrak{c} \rightsquigarrow 0: \quad \frac{3n}{n^2 + 5n - 1} {}^n\mathfrak{f} \rightsquigarrow 0: \quad \frac{n^2 + 1}{n^2 + 3n + 4} {}^n\mathfrak{c} \rightsquigarrow 0$$

$$: \quad \frac{n^4 + n^2}{n^5 + 2} {}^n\mathfrak{f} \rightsquigarrow 0: \quad \frac{n^2}{n^4 + 5n} {}^n\mathfrak{f} \rightsquigarrow 0: \quad \frac{n^2 + 1}{n^3} {}^n\mathfrak{f} \rightsquigarrow 0$$

$$\frac{1}{2n} {}^n\mathfrak{c} - \frac{3n}{6n + 1} \rightsquigarrow -\frac{1}{2}$$