4.4 Grenzverbe  $x \to x \to \pm \infty$ (1) Cim  $\frac{x^2-3}{2x^2+5} = \frac{(i-7)}{x^3-2} = \frac{1-3\frac{1}{2}}{2+5\frac{1}{2}} = \frac{1-0}{2+0} = \frac{1}{2}$ (1) Cim  $\frac{x^2-3}{x^3-2} = \frac{(i-7)}{x^3-1} = \frac{x^4-x^4-x}{x^3-1} = \frac{(i-7)}{x^3-1} = \frac{1}{x^3-1} = 0$ (2) Cim  $\frac{x^4-13x^2-6x^3}{3x^3-5x} = \frac{(i-7)}{x^3-5x} = \frac{1}{3} = 0$ (2) Cim  $\frac{x^4+13x^2-6x^3}{3x^3-5x} = \frac{(i-7)}{x^3-5x} = \frac{1}{3} = 0$