Exempel 0.0.1

$$\frac{x^3 + 4x^2 + x + 1}{(x-1)(x-2)^2(x^2+1)^2} = \frac{A}{x-1} + \frac{B}{x-2} + \frac{C}{(x-2)^2} + \frac{Dx+E}{x^2+1} + \frac{Fx+G}{(x^2+1)^2}$$