

$$f := \frac{25}{\left(1 + \frac{s}{\alpha \cdot \zeta}\right) \cdot (s^2 + 10 \cdot \zeta \cdot s + 25)}$$

$$\frac{25}{\left(1 + \frac{s}{\alpha \zeta}\right) (10 \zeta s + s^2 + 25)} \tag{1}$$

$$\text{convert}(f, \text{parfrac}, s)$$

$$\frac{25 (\zeta \alpha - 10 \zeta - s) \alpha \zeta}{(\zeta^2 \alpha^2 - 10 \zeta^2 \alpha + 25) (10 \zeta s + s^2 + 25)} + \frac{25 \alpha \zeta}{(\zeta^2 \alpha^2 - 10 \zeta^2 \alpha + 25) (\zeta \alpha + s)} \tag{2}$$