

[> restart:

[> int(x^3/(x+z-y),x);

$$\left[\frac{1}{3} x^3 + \frac{1}{2} x^2 y - \frac{1}{2} x^2 z + y^2 x - 2 z y x + z^2 x + \ln(x + z - y) y^3 - 3 \ln(x + z - y) y^2 z \right. \\ \left. + 3 \ln(x + z - y) y z^2 - \ln(x + z - y) z^3 \right]$$

(1)