$$\frac{x^4}{x} + x * \frac{\left(x^3 * 4\frac{x^3}{4} * x\frac{x^3 * 4\frac{x^3}{4}}{x} - x^4\right)}{x^2} \frac{x}{\left(x^3 * 4\frac{x^3}{4} * x\frac{x^3 * 4\frac{x^3}{4}}{x} - x^4\right)} \frac{x}{x^2}$$

$$(1)$$