$$\frac{\mathrm{d}}{\mathrm{d}x} f\left(\frac{x+1}{x^3+1}\right)$$

$$= Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f\left(\_X\right), \_X = \frac{x+1}{x^3+1}\right) \frac{\mathrm{d}}{\mathrm{d}x}\left(\frac{x+1}{x^3+1}\right) \text{ (hàm hợp)}$$

$$= \frac{\left(\frac{\mathrm{d}}{\mathrm{d}x}\left(x+1\right)\right)\left(x^3+1\right) - \left(x+1\right)\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3+1\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f\left(\_X\right), \_X = \frac{x+1}{x^3+1}\right)$$

$$= \frac{\left(\frac{\mathrm{d}}{\mathrm{d}x}x + \frac{\mathrm{d}}{\mathrm{d}x}\left(1\right)\right)\left(x^3+1\right) - \left(x+1\right)\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3+1\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f\left(\_X\right), \_X = \frac{x+}{x^3+}\right.$$

$$= \frac{\left(\frac{\mathrm{d}}{\mathrm{d}x}x\right)\left(x^3+1\right) - \left(x+1\right)\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3+1\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f\left(\_X\right), \_X = \frac{x+1}{x^3+1}\right) \text{ (hằ}$$

$$= \frac{x^3+1-\left(x+1\right)\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3+1\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f\left(\_X\right), \_X = \frac{x+1}{x^3+1}\right) \text{ (định nghĩa)}$$

$$= \frac{x^3+1-(x+1)\left(\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3\right)+\frac{\mathrm{d}}{\mathrm{d}x}(1)\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f(\_X), \_X = \frac{x+1}{x^3+1}\right) \text{ (công}$$

$$= \frac{x^3+1-(x+1)\frac{\mathrm{d}}{\mathrm{d}x}\left(x^3\right)}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f(\_X), \_X = \frac{x+1}{x^3+1}\right) \text{ (hằng số)}$$

$$= \frac{x^3+1-3(x+1)x^2}{\left(x^3+1\right)^2} Eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f(\_X), \_X = \frac{x+1}{x^3+1}\right) \text{ (công thức lũy thừa)}$$

$$= \frac{x^3+1-3(x+1)x^2}{\left(x^3+1\right)^2} eval\left(\frac{\mathrm{d}}{\mathrm{d}\_X} f(\_X), \left\{\_X = \frac{x+1}{x^3+1}\right\}\right) \text{ (công thức f)}$$