Maple → LaTeX → Maple

Round Trip Example

$$x + Gx^2 - \left(\frac{(1-\gamma)\cdot x}{2}\right)^i \tag{1}$$

With G as Catalan's constant, γ as Euler-Mascheroni constant and i as the imaginary unit.

In Maple it looks like this:

```
x + Catalan*x^2 - ((1-gamma)*x/2)^I
```

Translation to LaTeX brings us to:

```
x+\CatalansConstant \cdot x^{2}+\left(
    \left(
        1+\EulerConstant \cdot (-1)
    \right)\cdot x\cdot \frac{1}{2}
\right)^{1\cdot\iunit}\cdot (-1)
```

And a translation back to Maple:

```
x + Catalan * x^(2) +(
    (1 + gamma *(- 1))* x *(1)/(2)
)^(1 * I) *(- 1)
```