

$$f(t) := \{(x, y, z) \mid ((x) \in (\{t \dots 2\} \times (t))) \wedge ((y, z) = (((x)^2, (x)^3)))\} \quad (1)$$

$$c1 := f(1) \quad (2)$$

$$c2 := \sum_{(x) \in (\{1 \dots 2\})} \sum_{(y) \in (\{(x)^2\})} (x) \times (y) \quad (3)$$

$$c3 := \prod_{(x) \in (\{1 \dots -1\})} (x)^x \quad (4)$$

$$c4 := \bigcup_{((x) \in (\{-2 \dots 2\})) \wedge ((x) \bmod (2) = (1))} \{|x|\} \quad (5)$$

$$r(s, t) \equiv \left(\bigcap_{((x) = (s)) \vee ((x) = (t))} \{(x)^2\} \right) = (\{1\}) \quad (6)$$

$$c5 := r(-1, 1) \quad (7)$$

test:

```
cmd:>pp(c1)
"{(1, 1, 1), (2, 4, 8)}"
cmd:>pp(c2)
"9"
cmd:>pp(c3)
"1"
cmd:>pp(c4)
"{1}"
cmd:>pp(c5)
"true"
```