

Structural composition

```

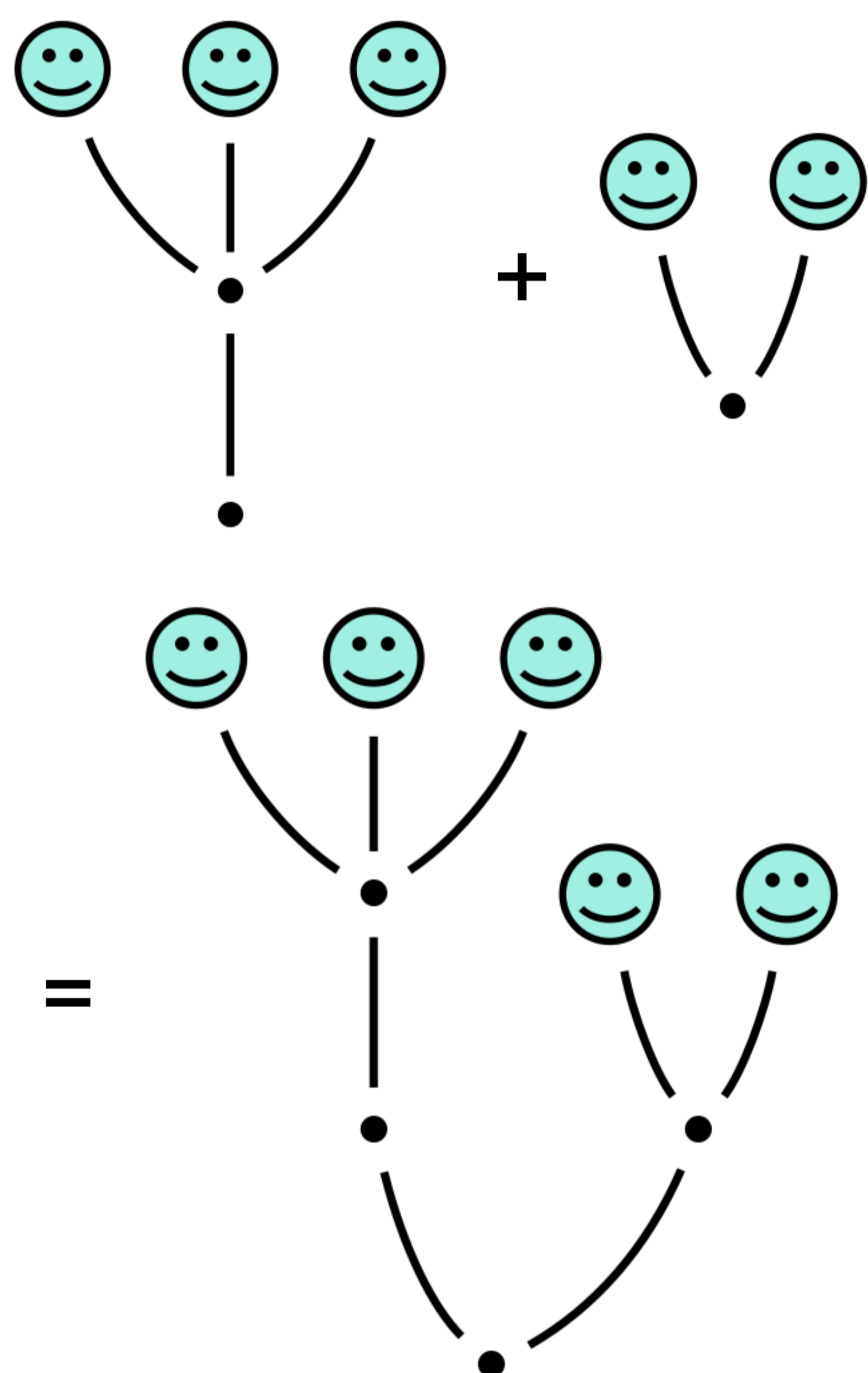
Inductive Hydra: Set :=
| node: Hydrae -> Hydra
with Hydrae: Set :=
| hnil: Hydrae
| hcons: Hydra ->
  Hydrae -> Hydrae.
  
```

```

Definition left_hyd [...]
Definition right_hyd [...]
  
```

```

Definition whole_hyd :=
(node
 (hcons left_hyd
 (hcons right_hyd
 hnil))).
  
```



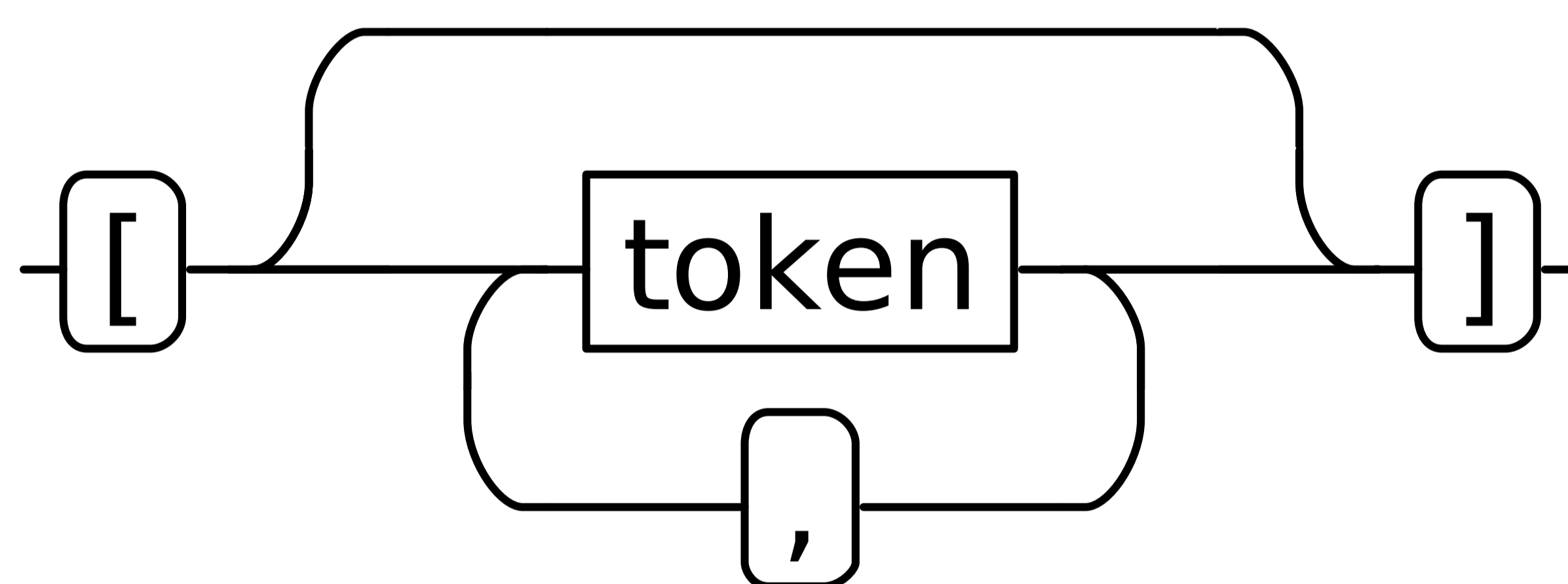
Diagrammatic notations: a wishlist

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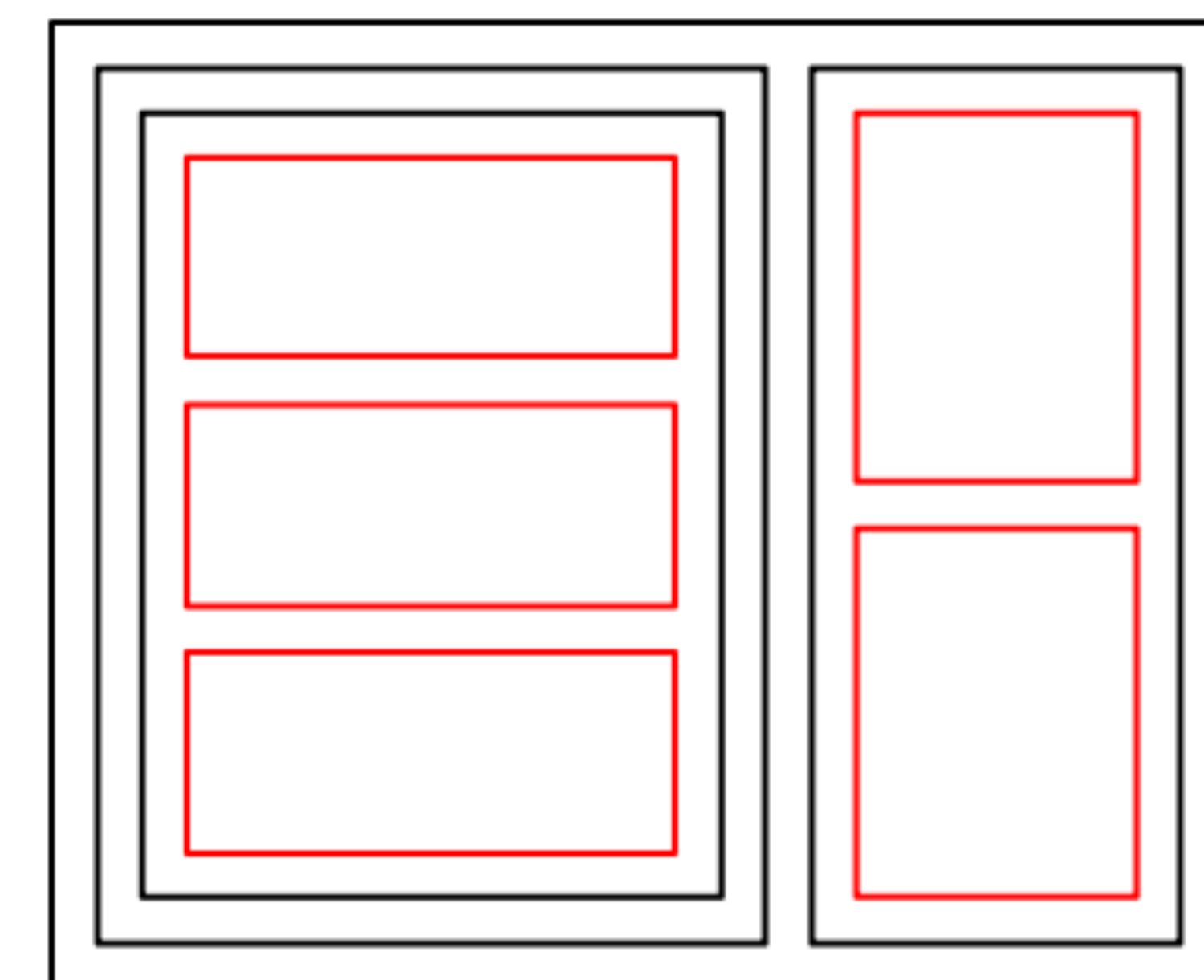
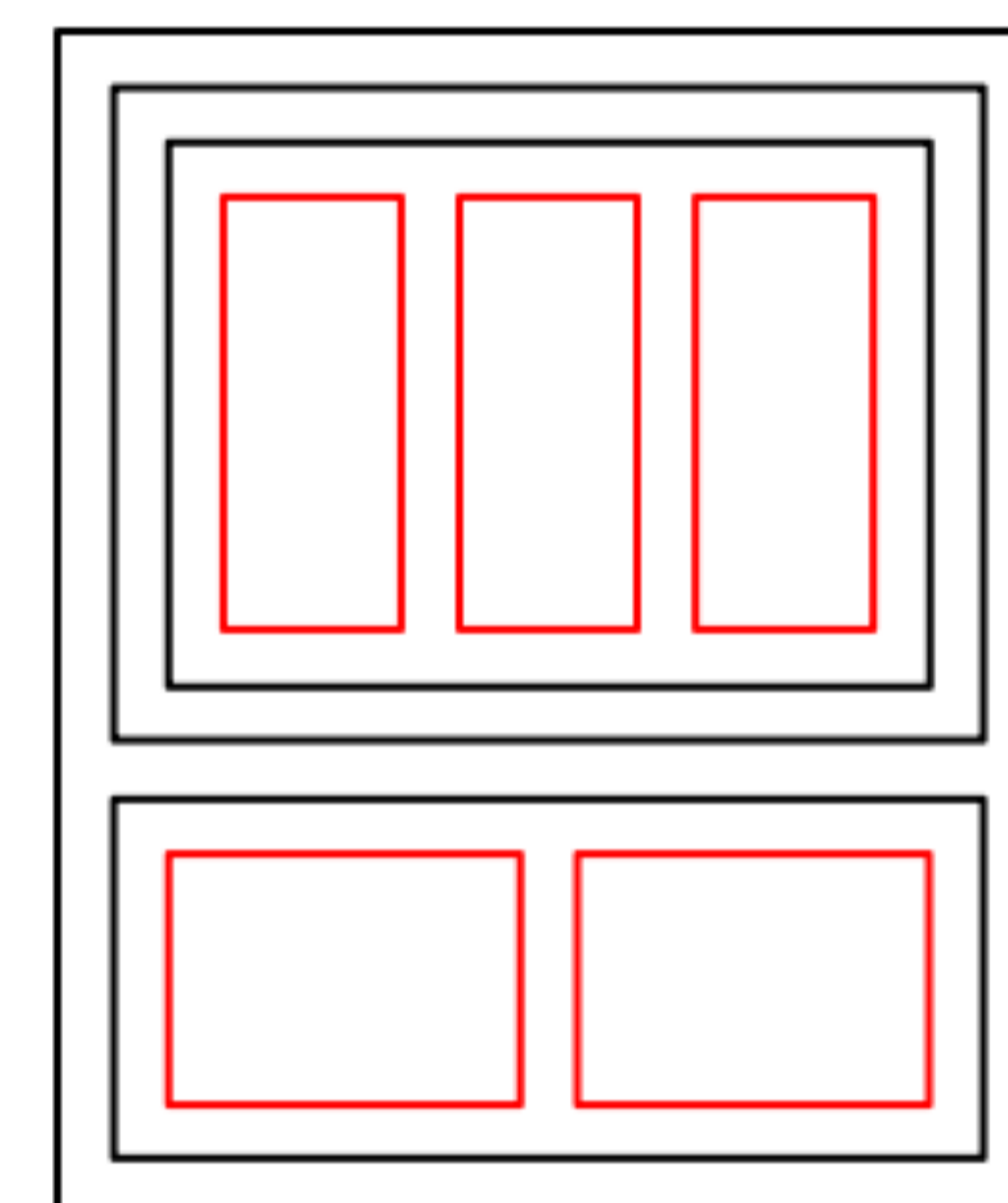
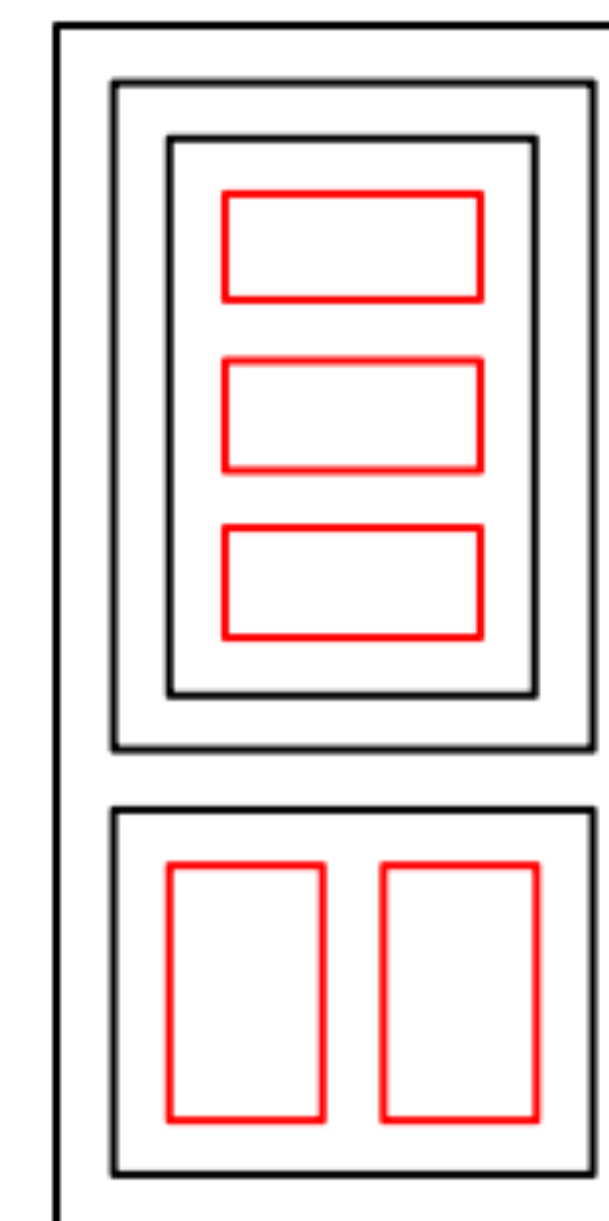
Cost-benefit balance

```

(draw-rrd
 ("["
 (+ epsilon
 (mu "[token]"
 (+ epsilon ("," rec))))
 "]")))
  
```



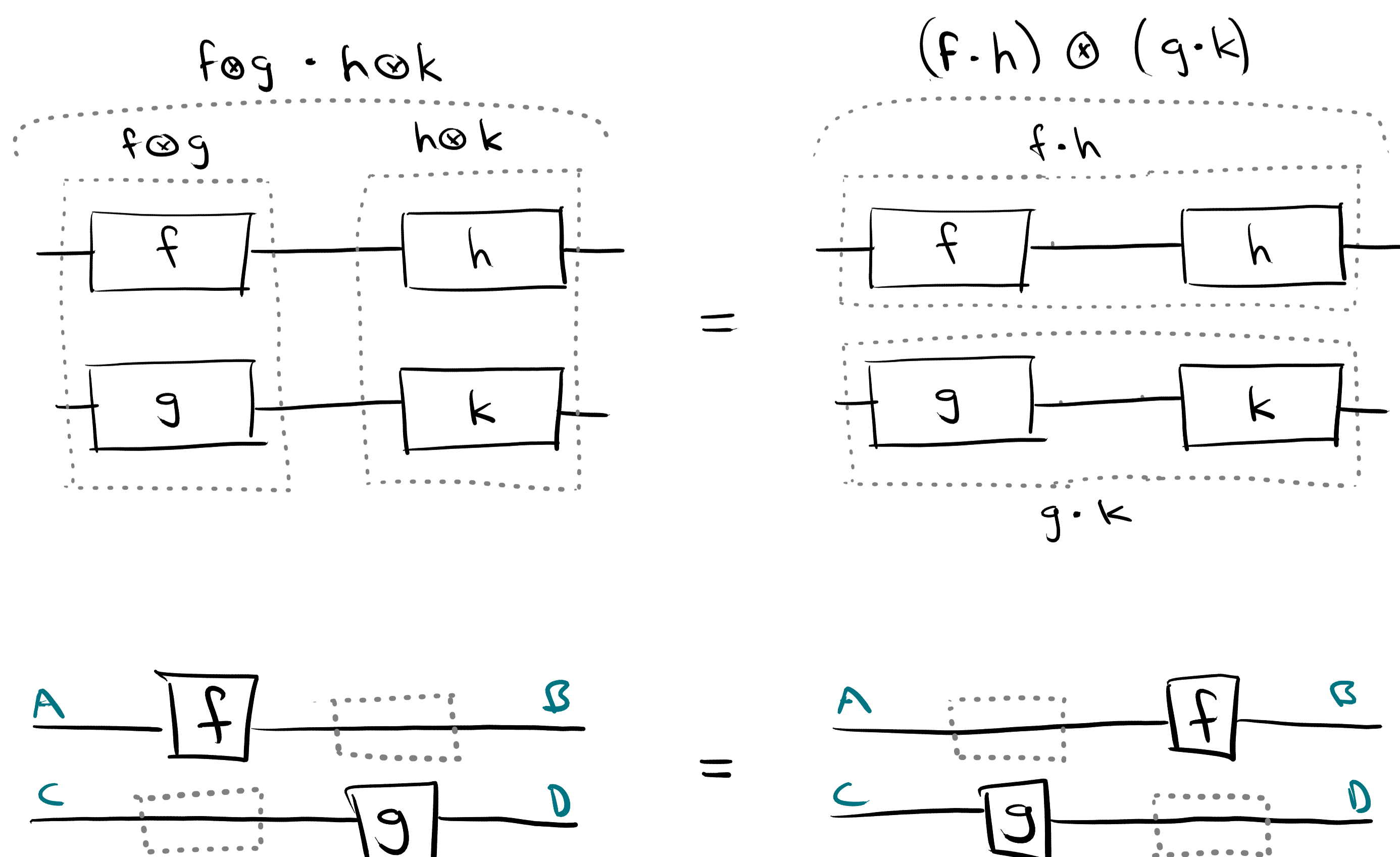
Good-looking idioms



Canonicity

$$(f \otimes g) \cdot (h \otimes k) = (f \cdot h) \otimes (g \cdot k)$$

$$f \otimes id_C \cdot id_B \otimes g = id_A \otimes g \cdot f \otimes id_D$$



Continuity

```

(sep (MCell f2 d1 c2) (sep (MCell p1
f1 b2) (sep (MCell p2 f2 b2) (sep
(MCell b1 x null c2) (sep (MListSeg c2
b2 L2') (sep (MCell b2 d2 null)
(MListSeg f1 b1 L1))))))))
  
```

