WORK LOG OF JUNE 12 2025

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1. TODOs AND MORE

- Include Operad composition picture.
- Define Haskell listing manually. `<-- couldn't.`
- `splitForest` is a *pseudoinverse* to `Cons`. Can't say it's an inverse because types don't match. But maybe that can be worked around later.

```haskell
module Operad where

data Tau a = () | T a -- Tau for _truncation_...

nNats :: Int -> Tau Int
|  n < 0 = ()
| otherwise = T n

type OpIx a = Tau Int -> Tau a

-- Then, a pre-operad could be the precomposition of an opix with
-- nNats...

functor (getPreOp a) :: Int -> OpIx a -> Tau a where --kind of a
-- functor...
\n f -> f (nNats n)

-- dude, but I _do_ have the type of _lists_ of type A, and those are
-- "whatever length..."
```

$t:$

$t:$

mv

$: ts$

$1 + \ell$

k

$t_+:$

$q = \ell + k$

$: frt_+$

i_1

frt

i_2