An Intuition for Propagators

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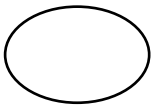
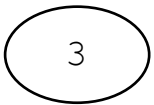
1970s, MIT

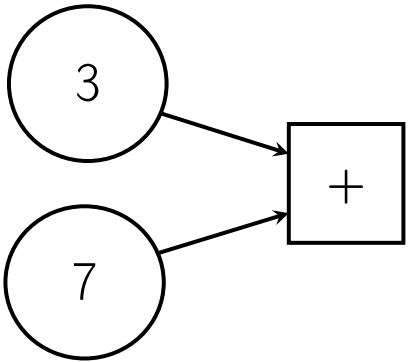
a model of computation for **highly concurrent** machines



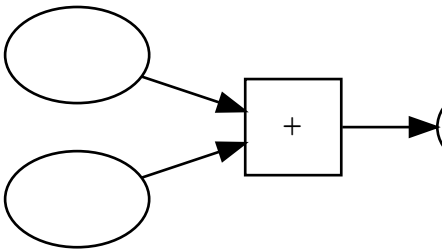
```
do
  c <- cell
  ...
```



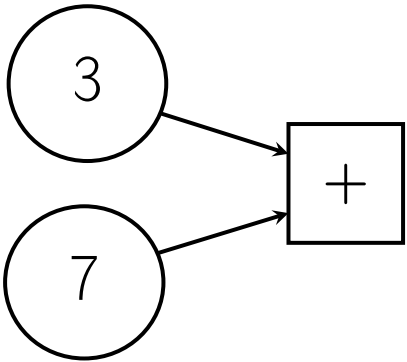

```
do
  c <- cell
  write c 3
```




```
do
  inL <- cell
  inR <- cell
  watch inL \x ->
    with inR \y ->
    ...
```




```
do
  inL <- cell
  inR <- cell
  out <- cell
  watch inL \x ->
    with inR \y ->
    write out (x+y)
```


3
7
+

Thanks for listening!