# Theorem Proving (TP)
# =High-Level & Manual

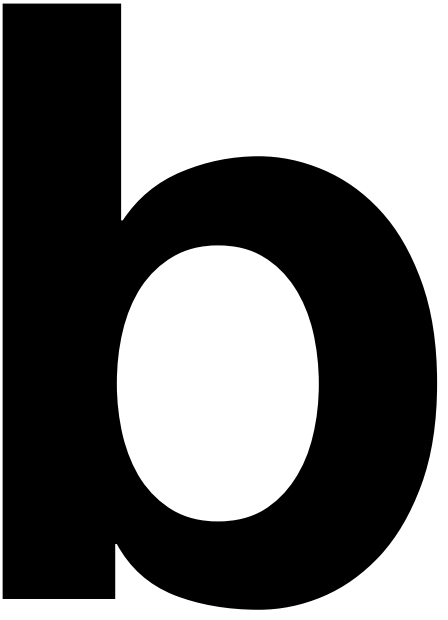
28

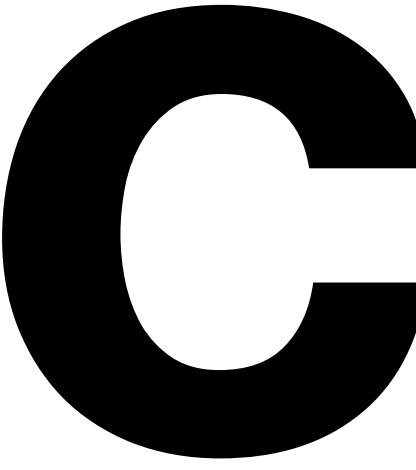
0x0

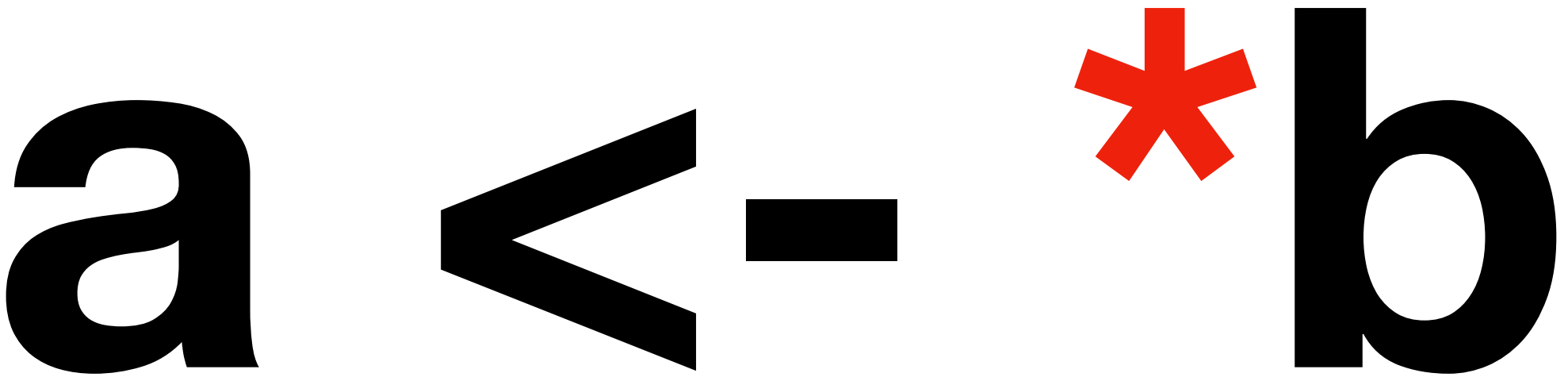
ע

β

a






a <- *b

```
b <- *(b + 1)
```

/*@ This is replacing
the list head @*/

/*@ This is replacing
the list tail @*/

$$[\alpha, \gamma]$$

# /*@ a - head, b - tail @*/

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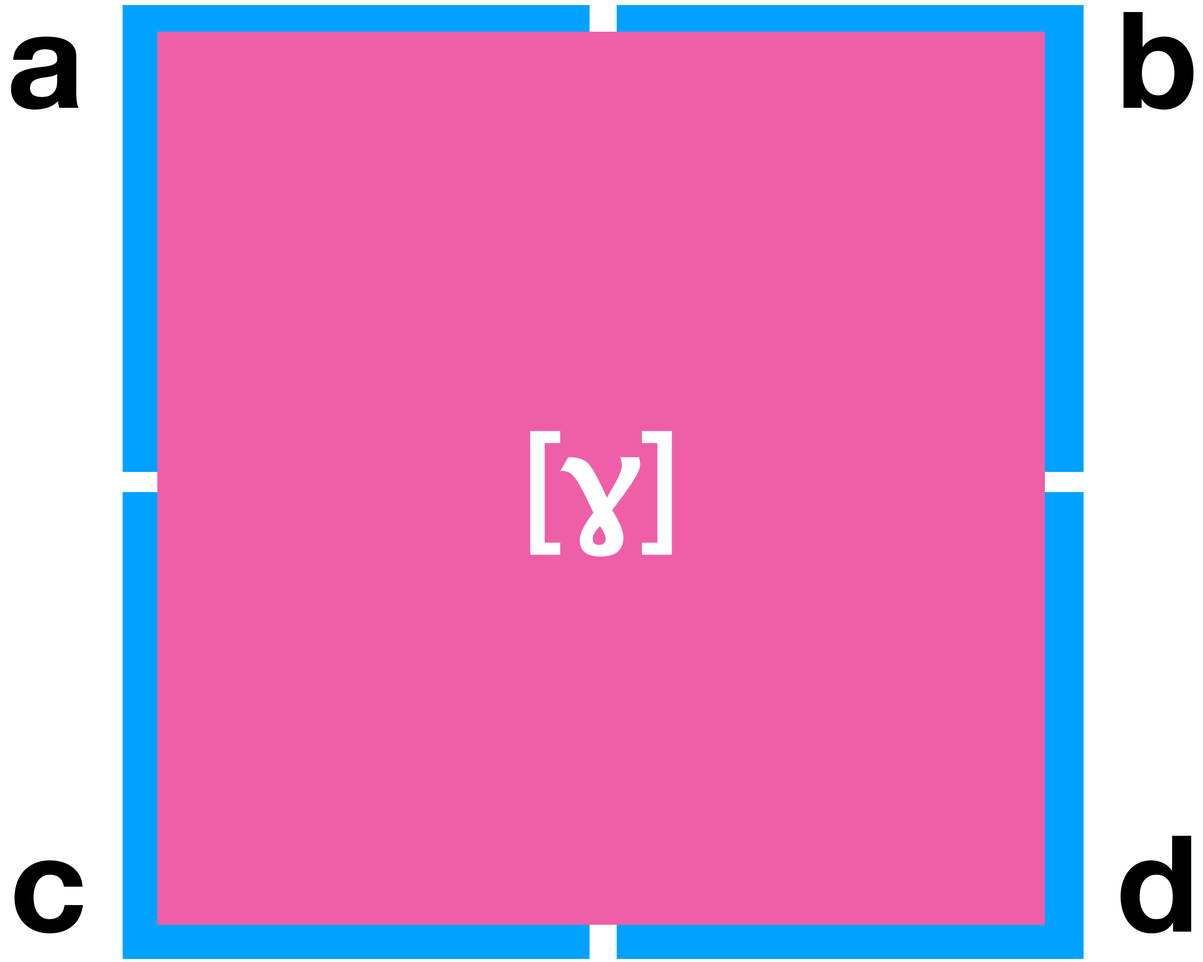
/*@ a - head, b - tail @*/

**a <- *b**

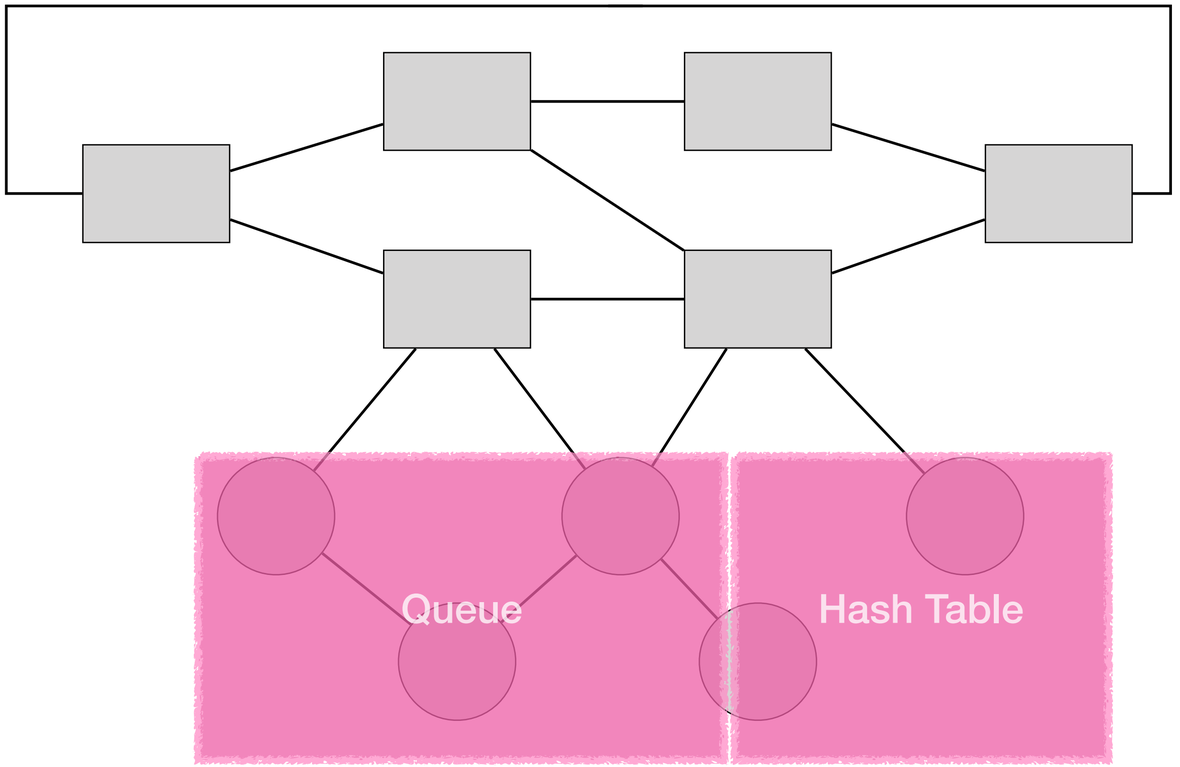
/*@ This is replacing
the list head @*/

→ **b <- *(b + 1)**

/*@ This is replacing
the list tail @*/



# Applicability of SE and TP




Uncomplicated
Unique

-> **SE**

Complicated
Reused

-> **TP**