





312



**EEK<sub>123</sub>**



312

123



BACKTRACKING

- **AUTOMATIC** CORRECTION!

- IF WE KNOW WHAT **FAILURE** IS.

- THE SOURCE OF FAILURE IS **IGNORED**.

- SIZE AND TIME **COMPLEXITY?**

@ANIMATIONS



31





32



44



53











**EEK<sub>124</sub>**

**123**



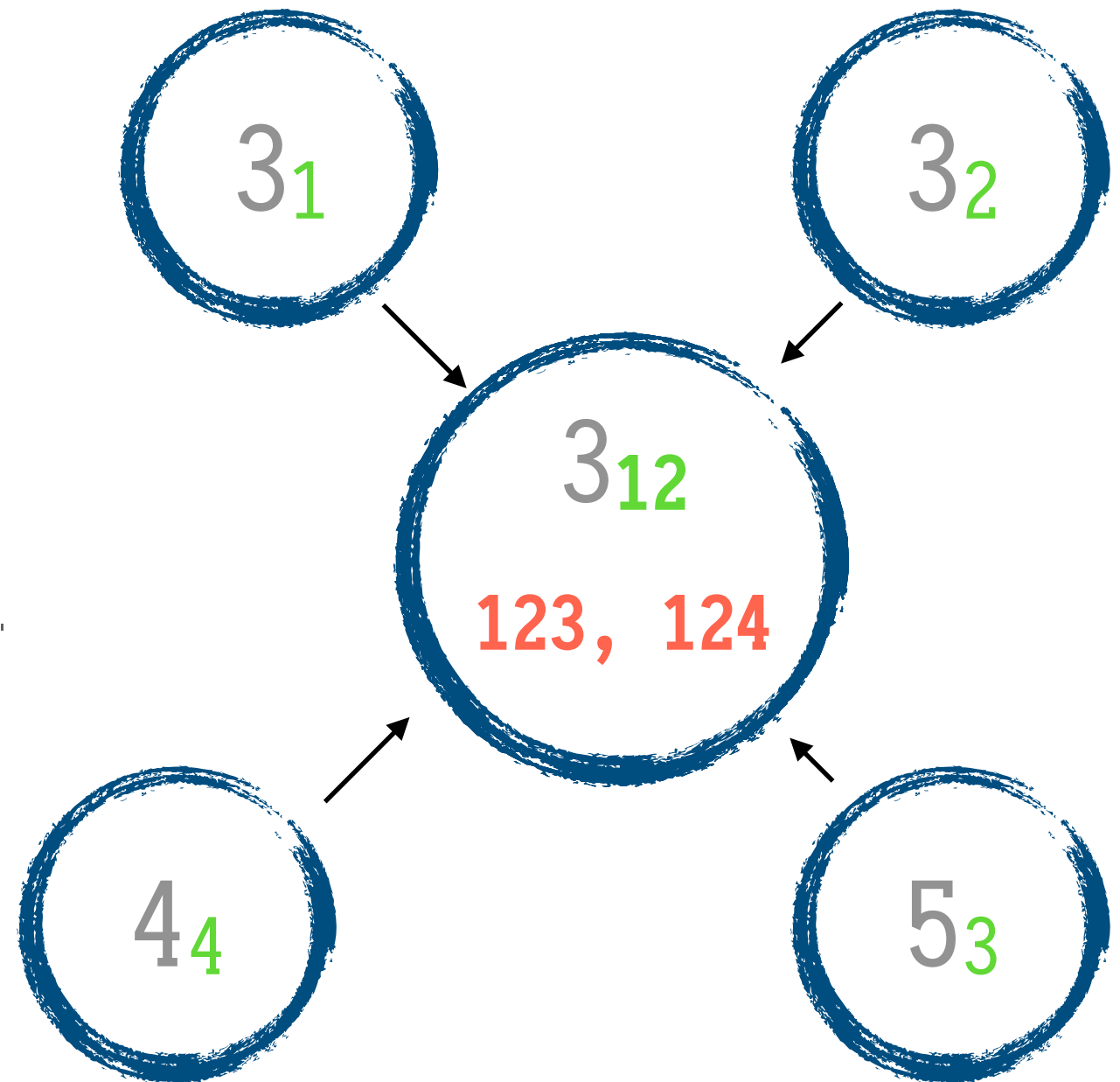


3<sub>12</sub>

123, 124

# BACKTRACKING

- **AUTOMATIC** CORRECTION!
- IF WE KNOW WHAT **FAILURE** IS.
- THE SOURCE OF FAILURE IS **IGNORED**.
- SIZE AND TIME **COMPLEXITY**?



# JOIN SEMI-LATTICES

- **SEMIGROUP**
- **MONOID**
- **IDEMPOTENT**
- **COMMUTATIVE**

- ALL / ANY
- MAX / MIN
- UNION / INTERSECTION
- INTERVAL