

Problems in AI

- Hanoi Tower

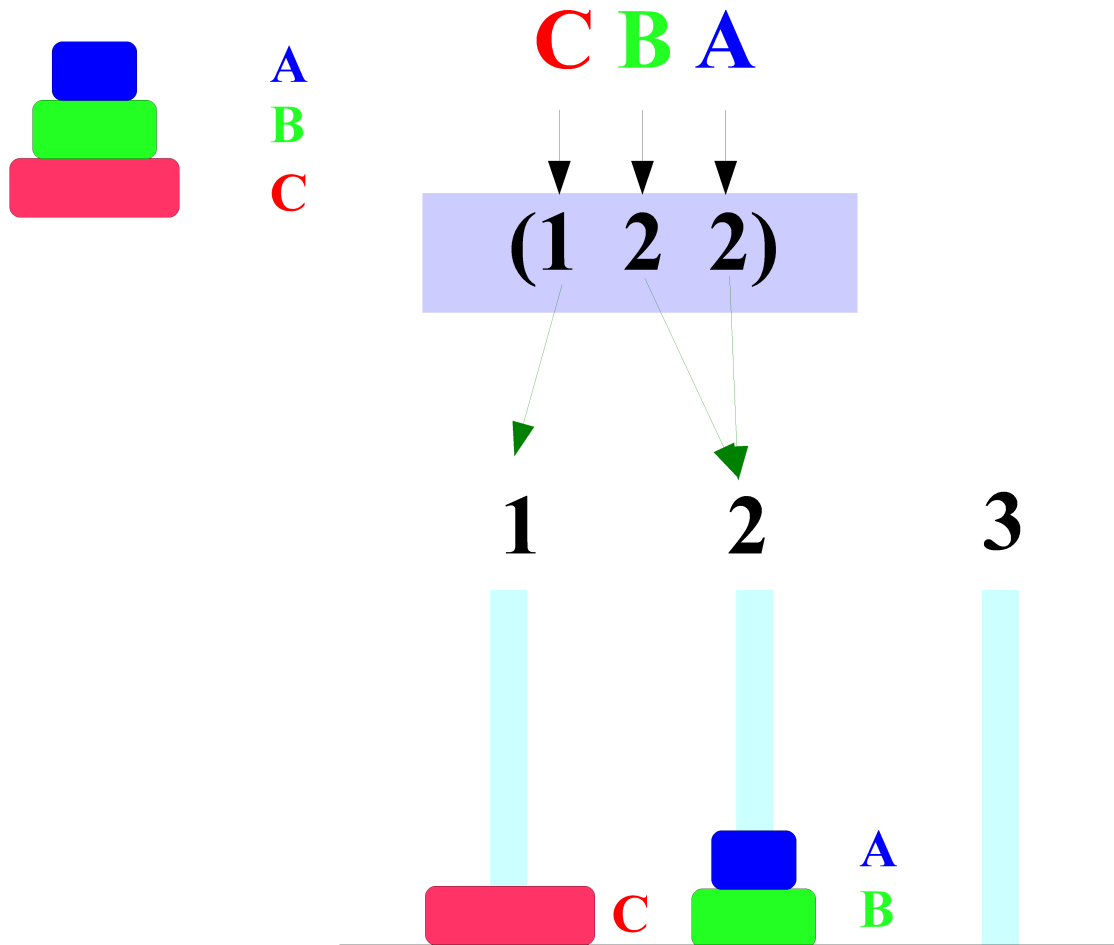
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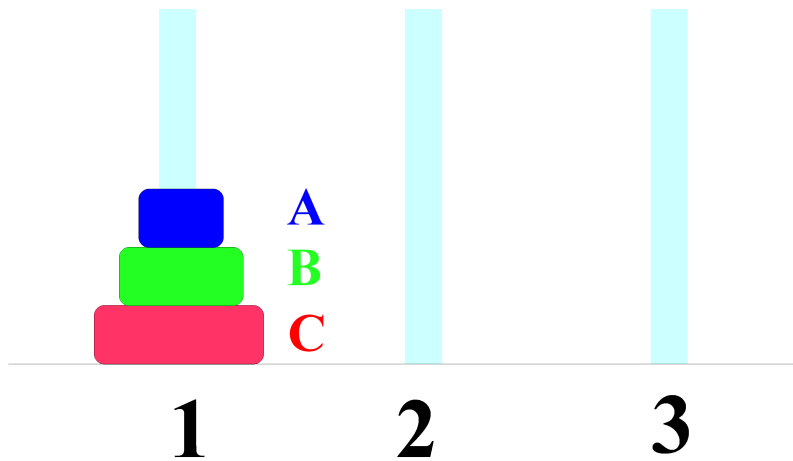
Hanoi Tower - Notation



Hanoi Tower - Problem

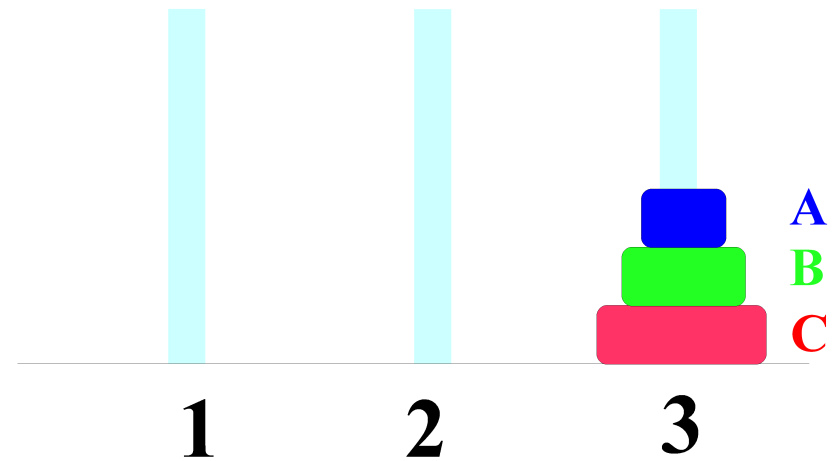
Initial State

(1 1 1)

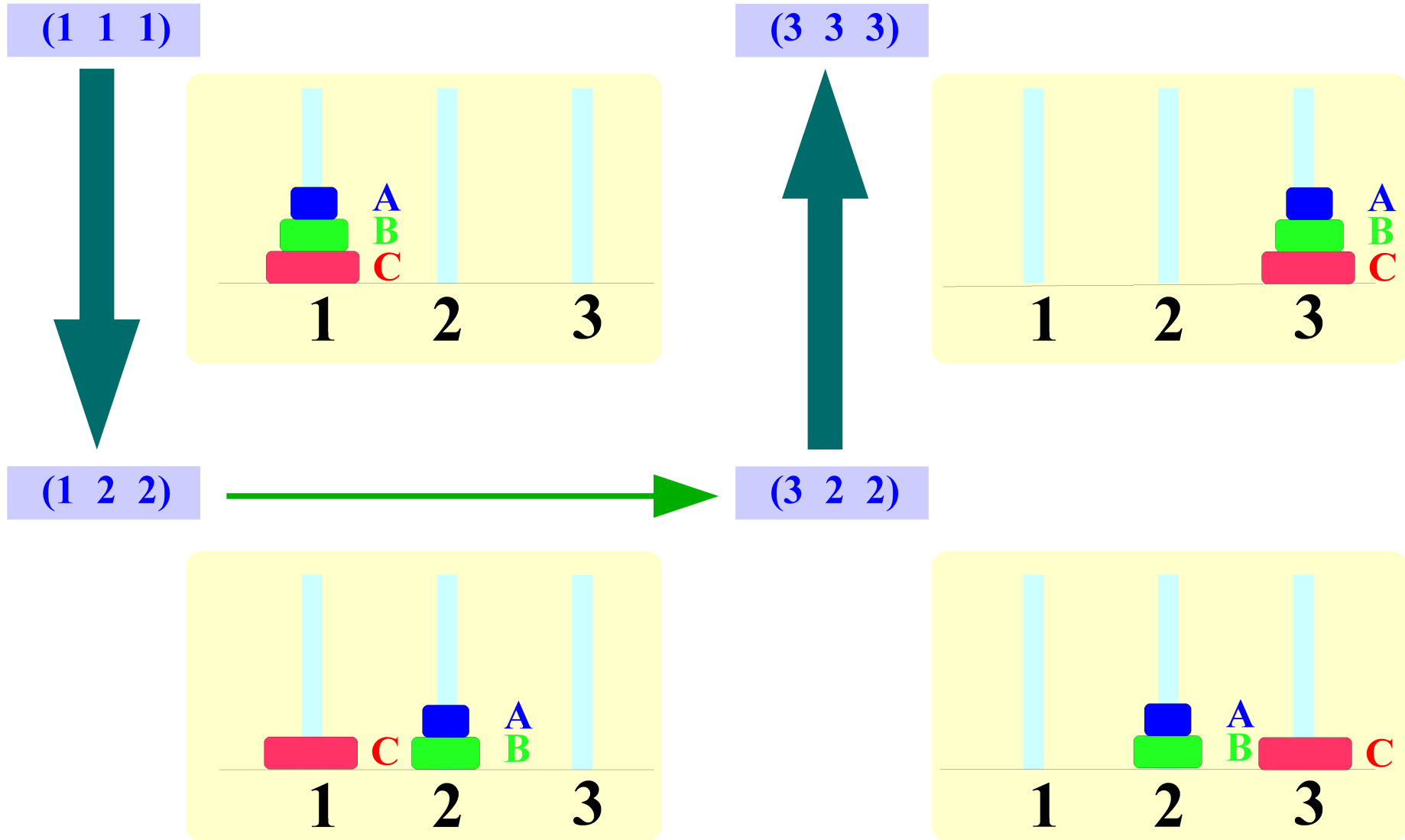


Final State

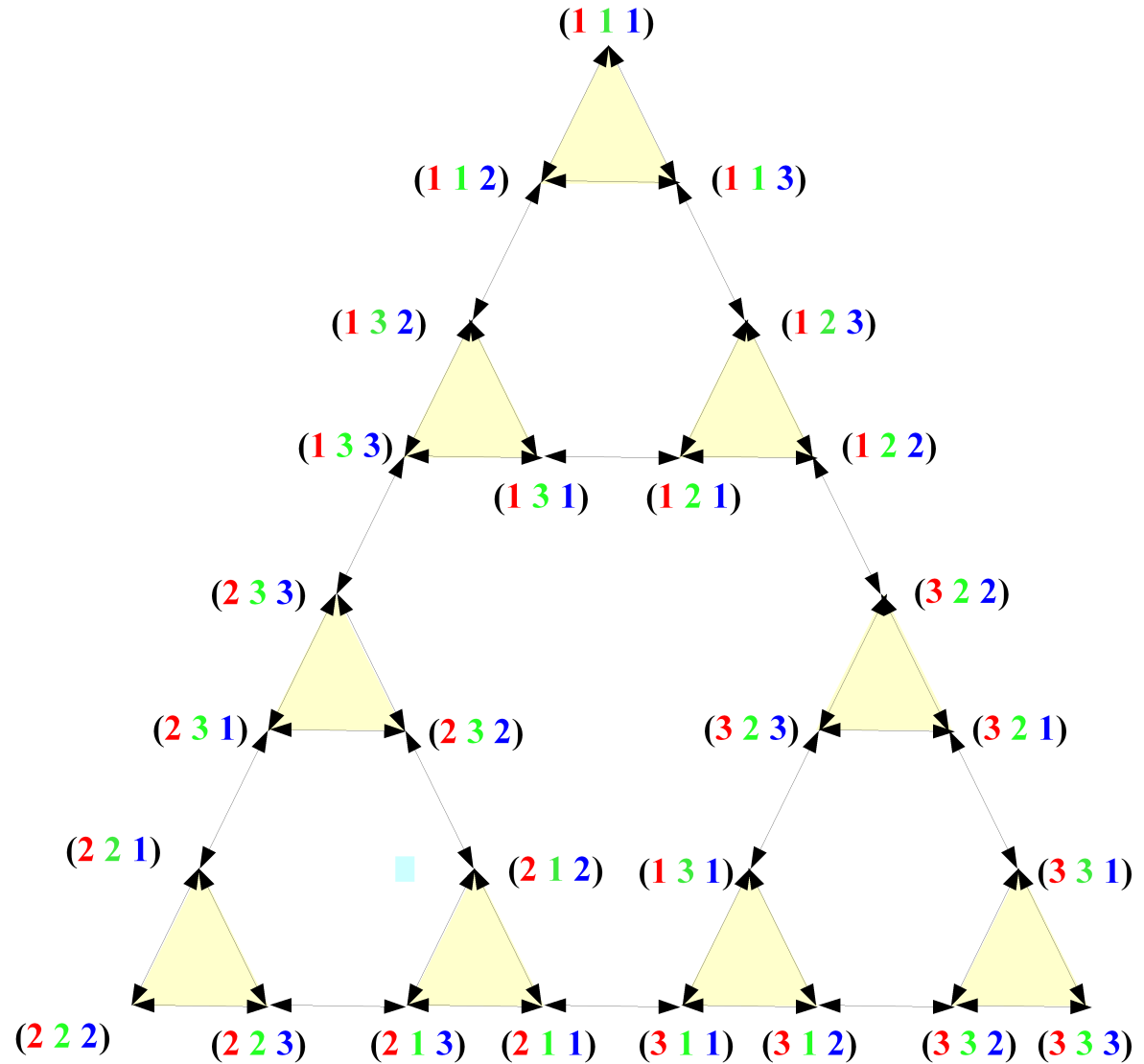
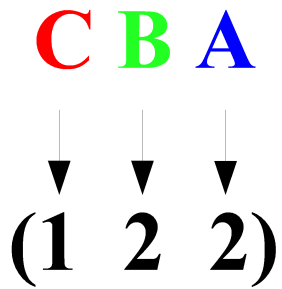
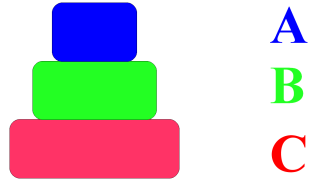
(3 3 3)



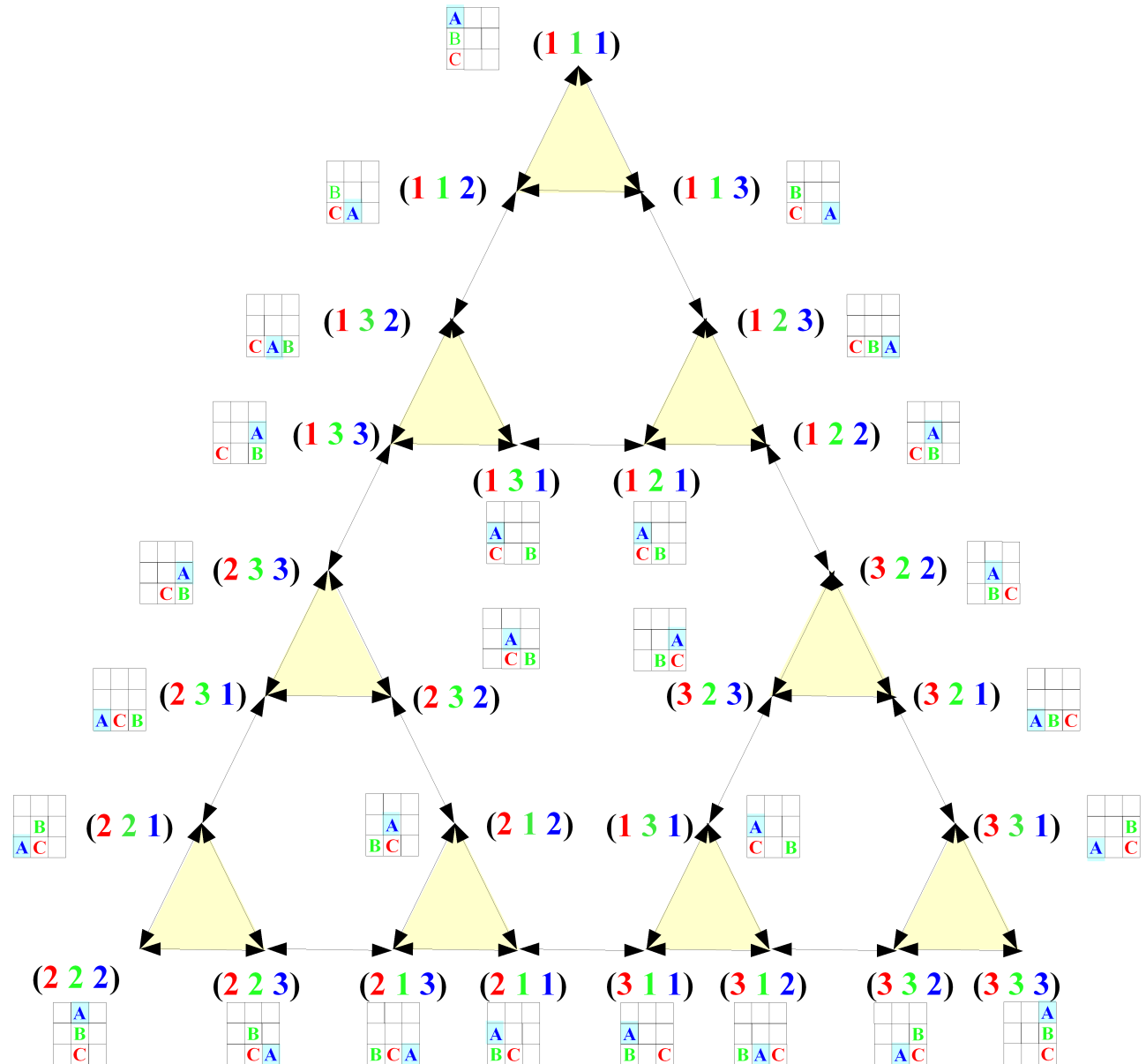
Hanoi Tower – Problem Reduction



Hanoi Tower – State Space (1)



Hanoi Tower – State Space (2)



References

- [1] <http://en.wikipedia.org/>
- [2] 인공지능개론, 이광형, 조충호, 홍릉과학출판사, 2000