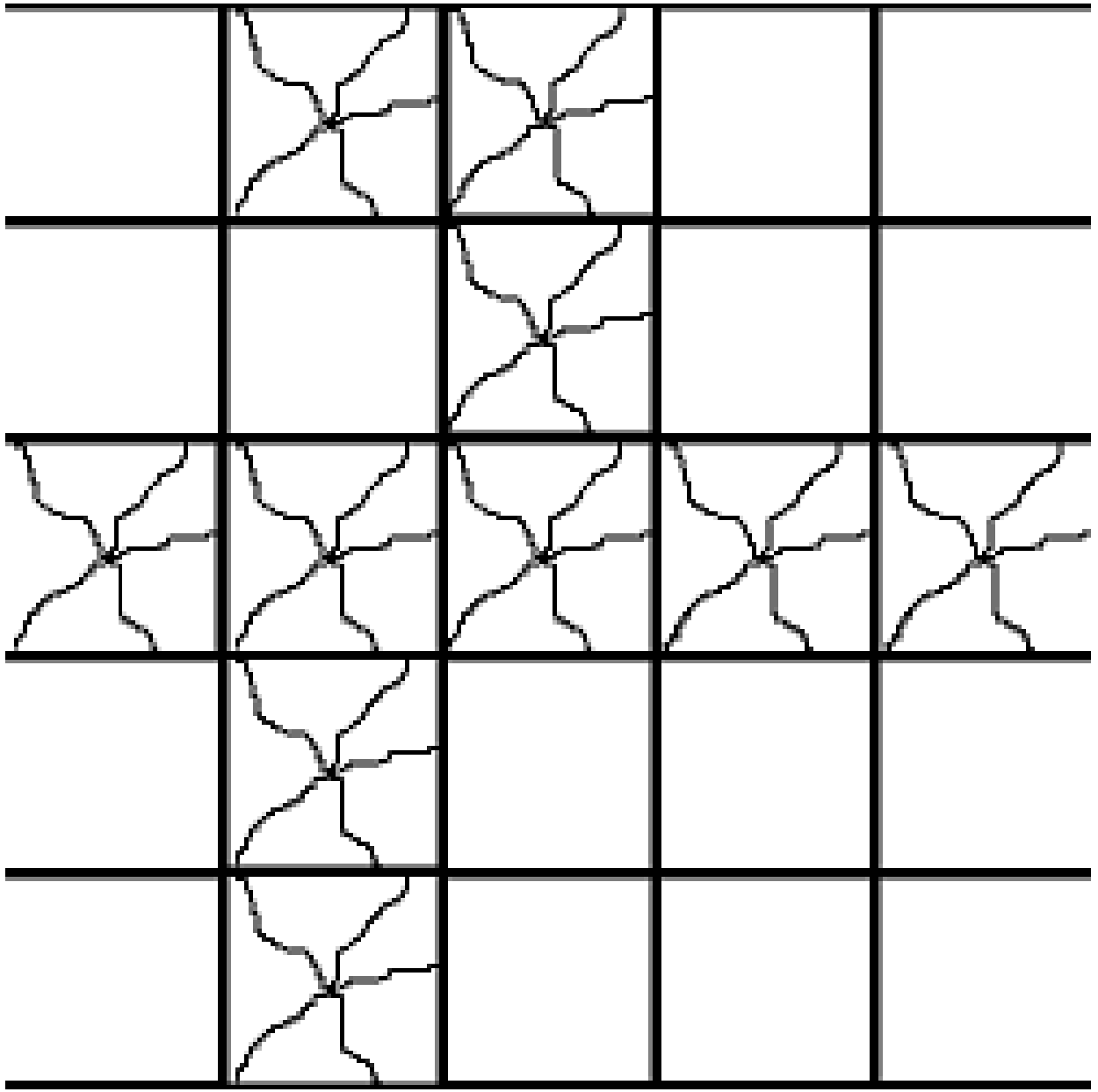
Shop under attack

Krsmanovich Marko

Kasimov Ilya

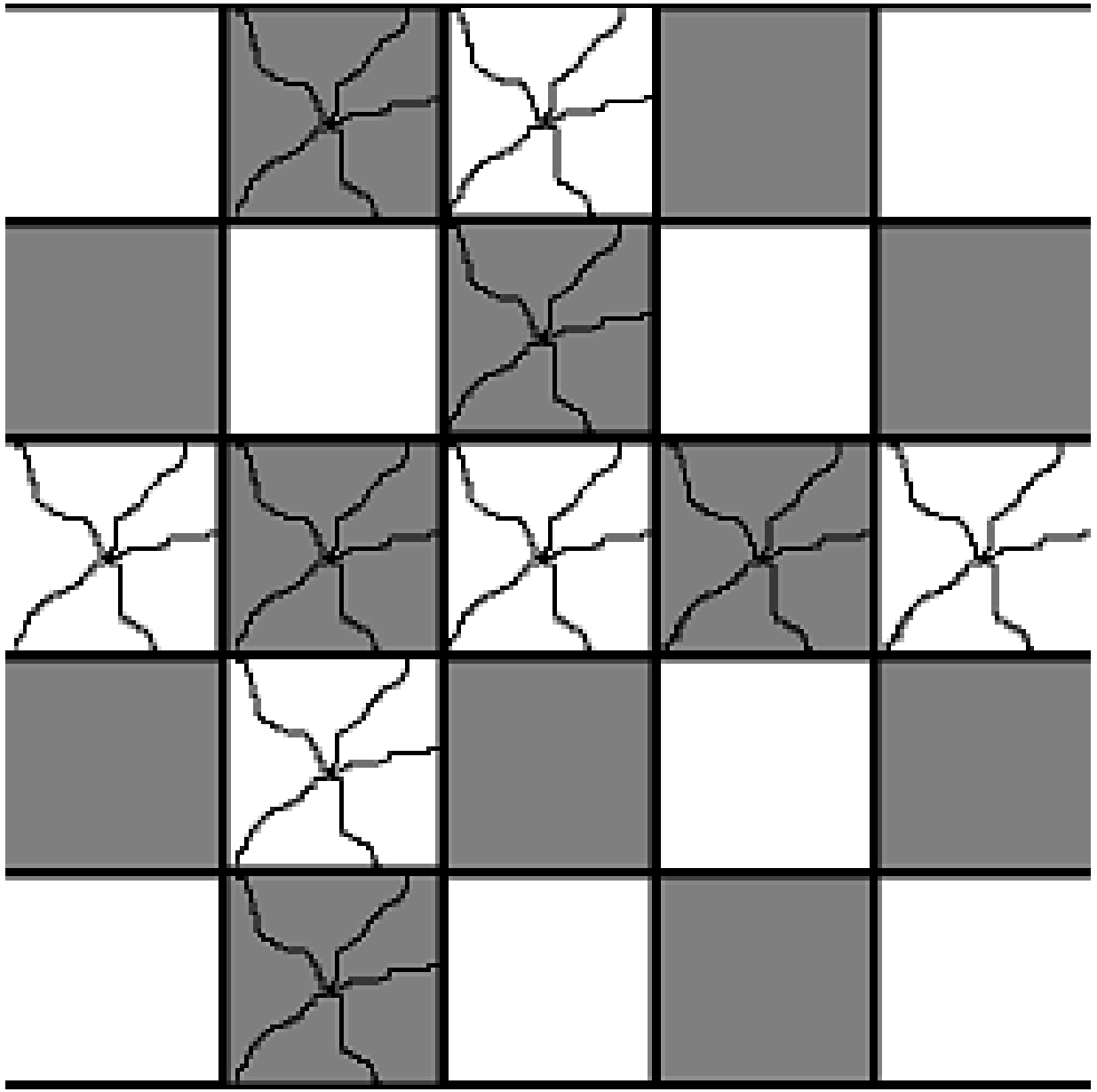
Condition

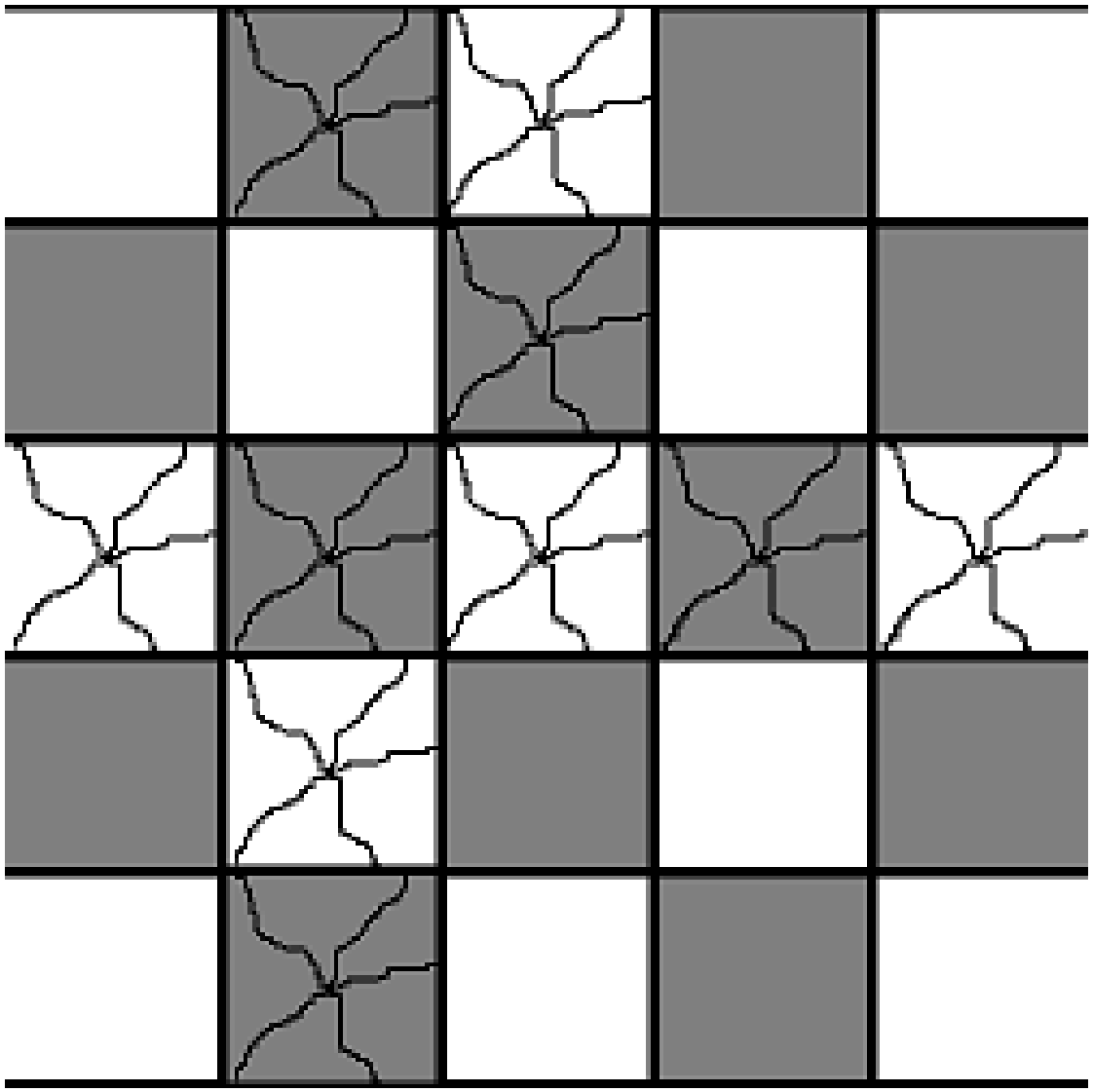


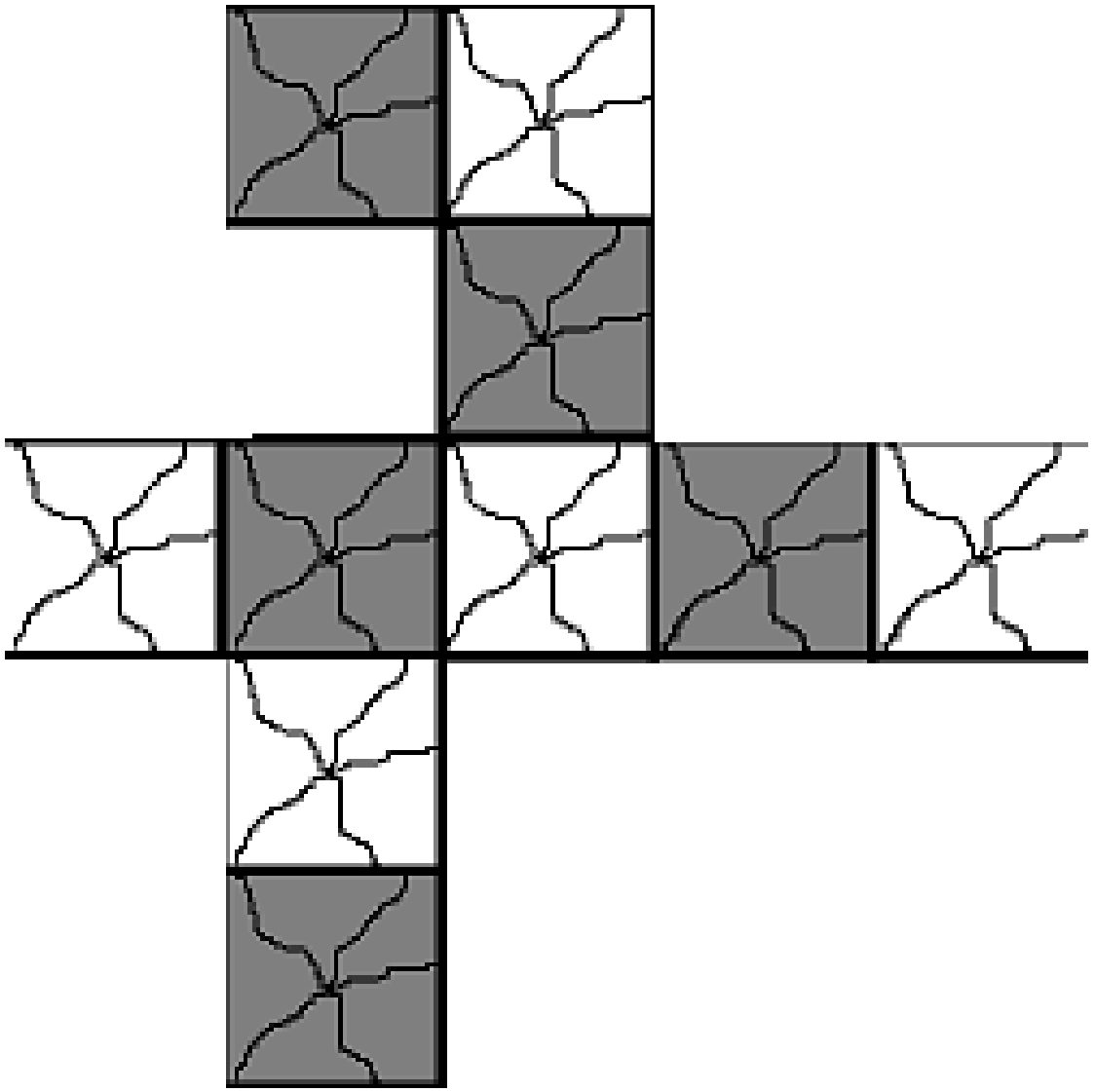
Two cases

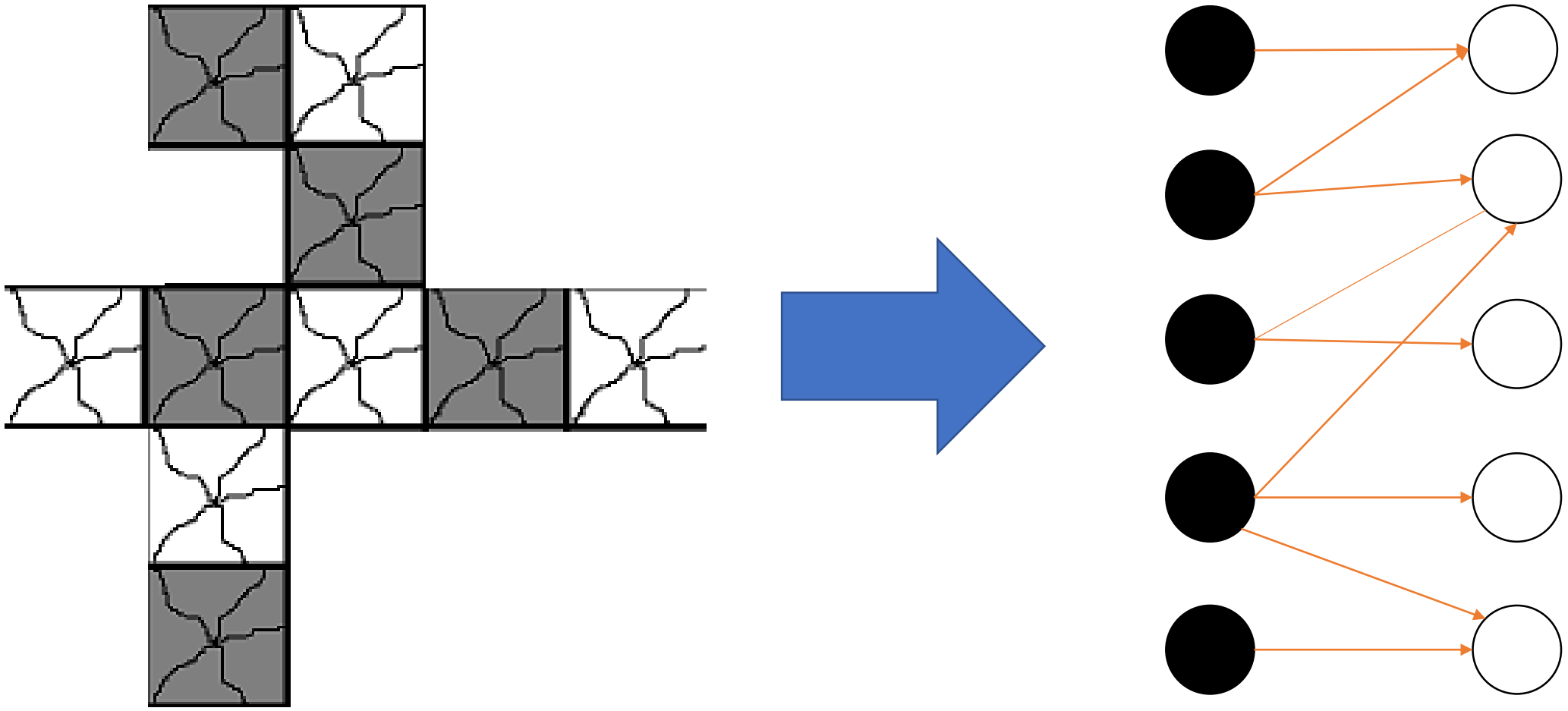
- 1x1 * 2 <= 1x2 – obviously
- 1x1 * 2 <= 1x2 – needed to be investigated

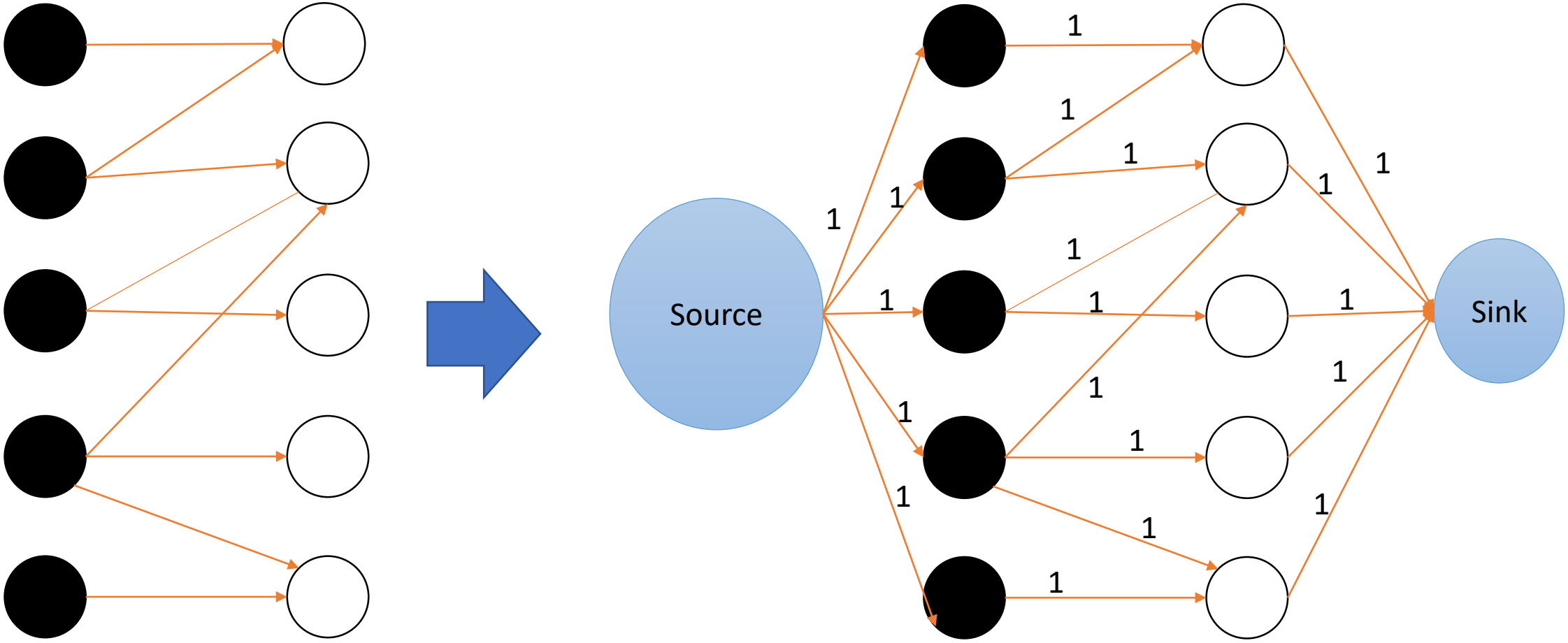
Solution










Source
Sink
1

Complexity

- $O(E|f|)$ – complexity of Ford-Fulkerson

  (E – num of edges, $|f|$ - abs.value of flow)
- $|f|$ <= (Damaged products) / 2

- E <= (Damaged products) * 4

- So O((Damaged products)^2)

Ask your questions