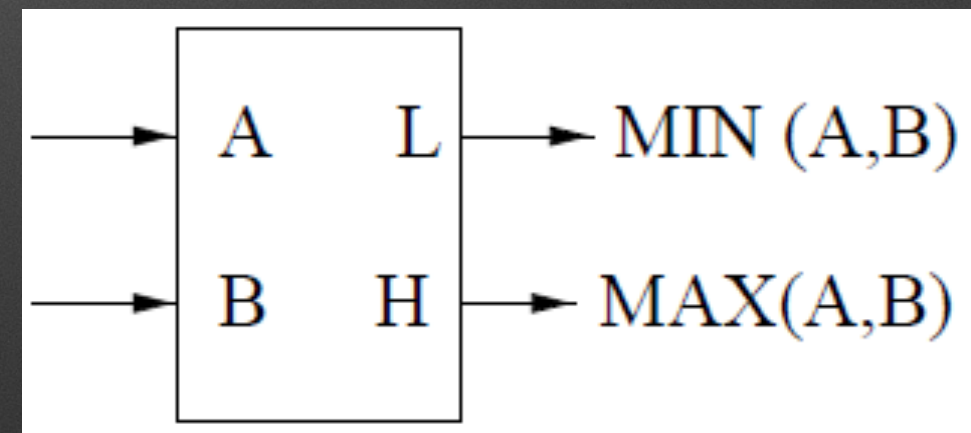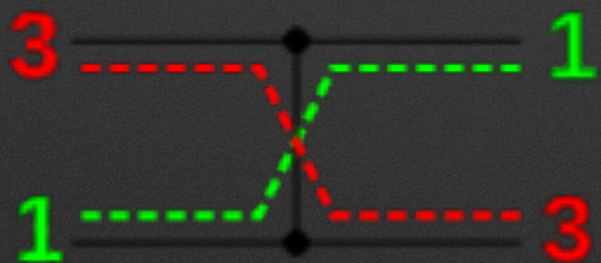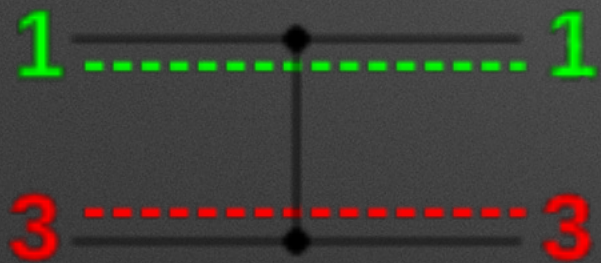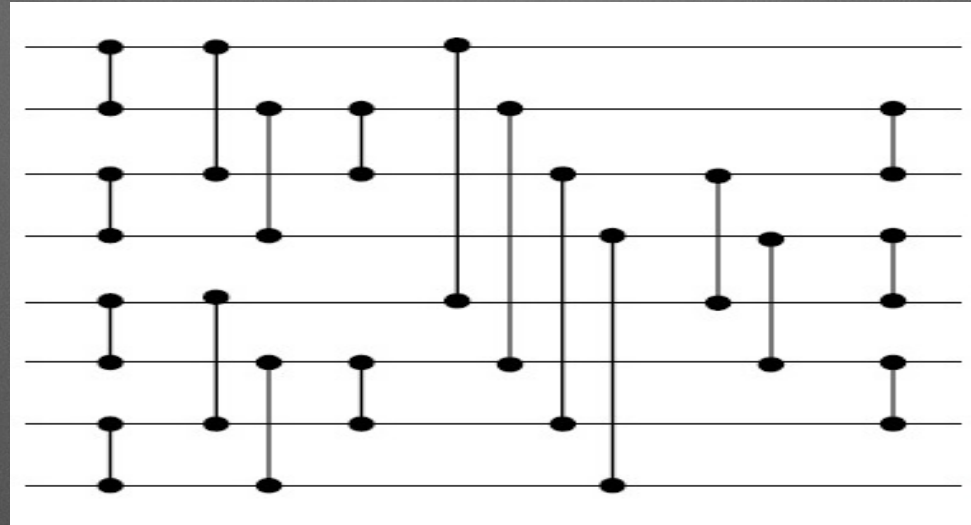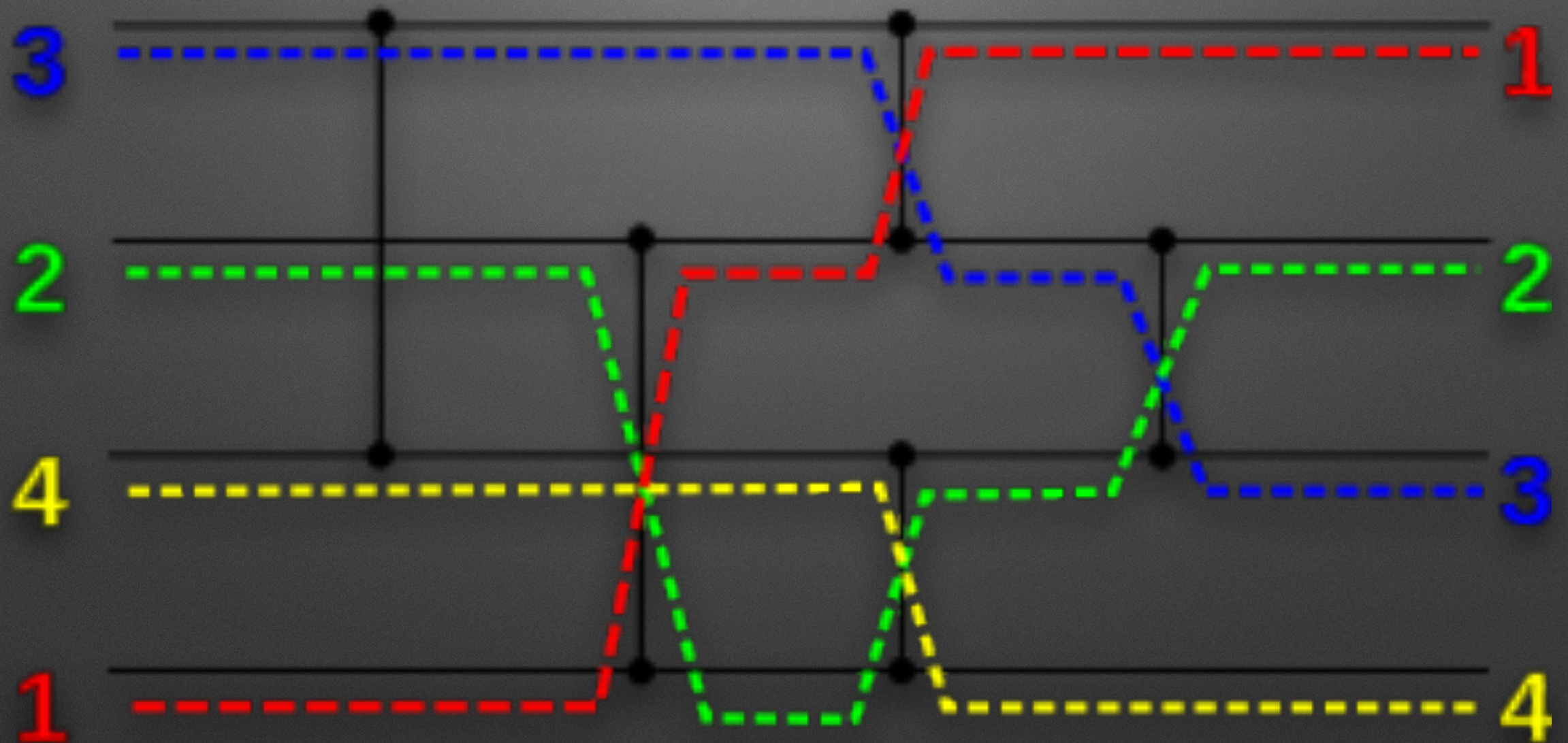# Sorting Networks Research Question

Mathias Dekempeneer
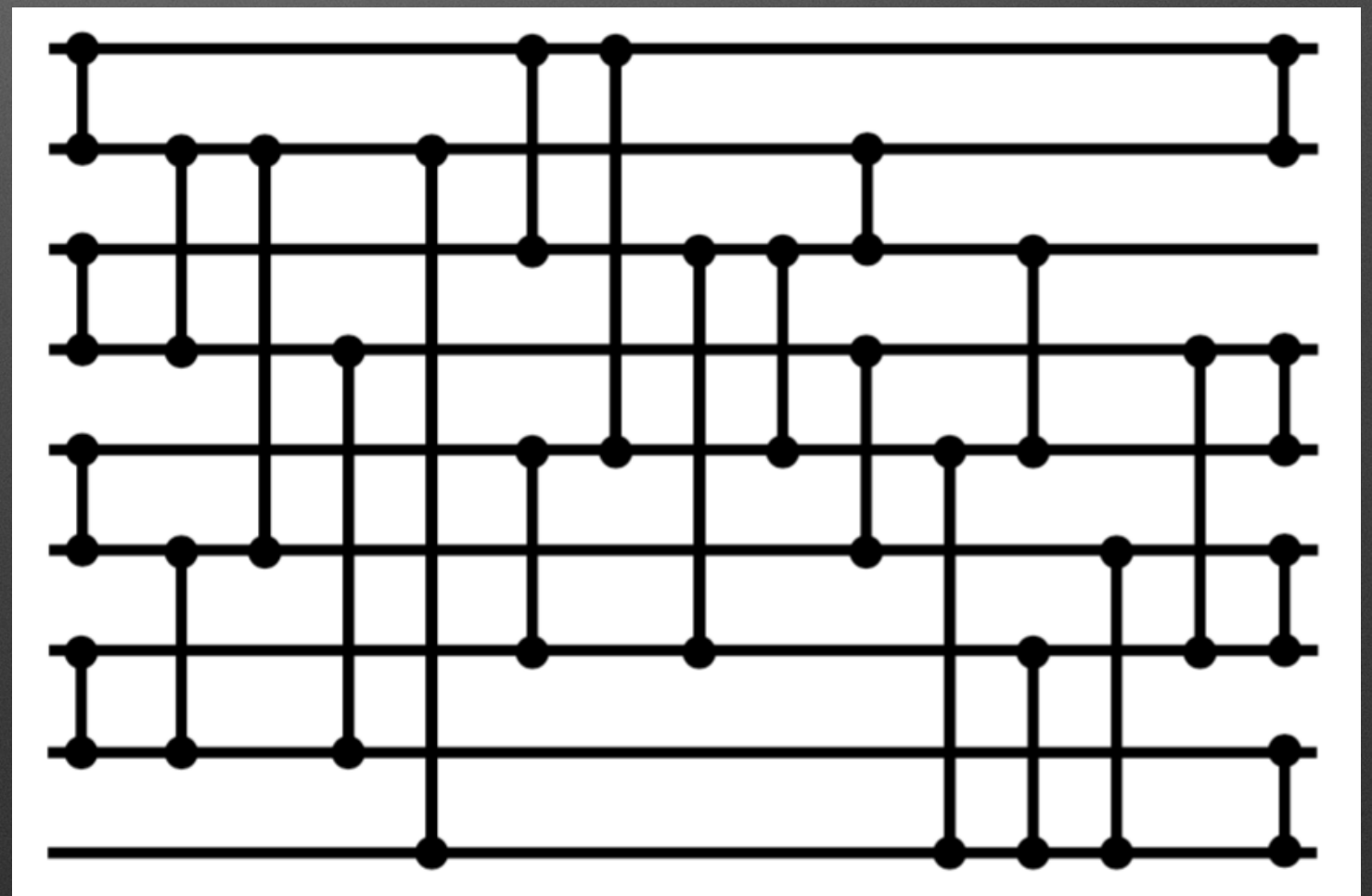Vincent Derkinderen

Comparator Network

Sorting Network

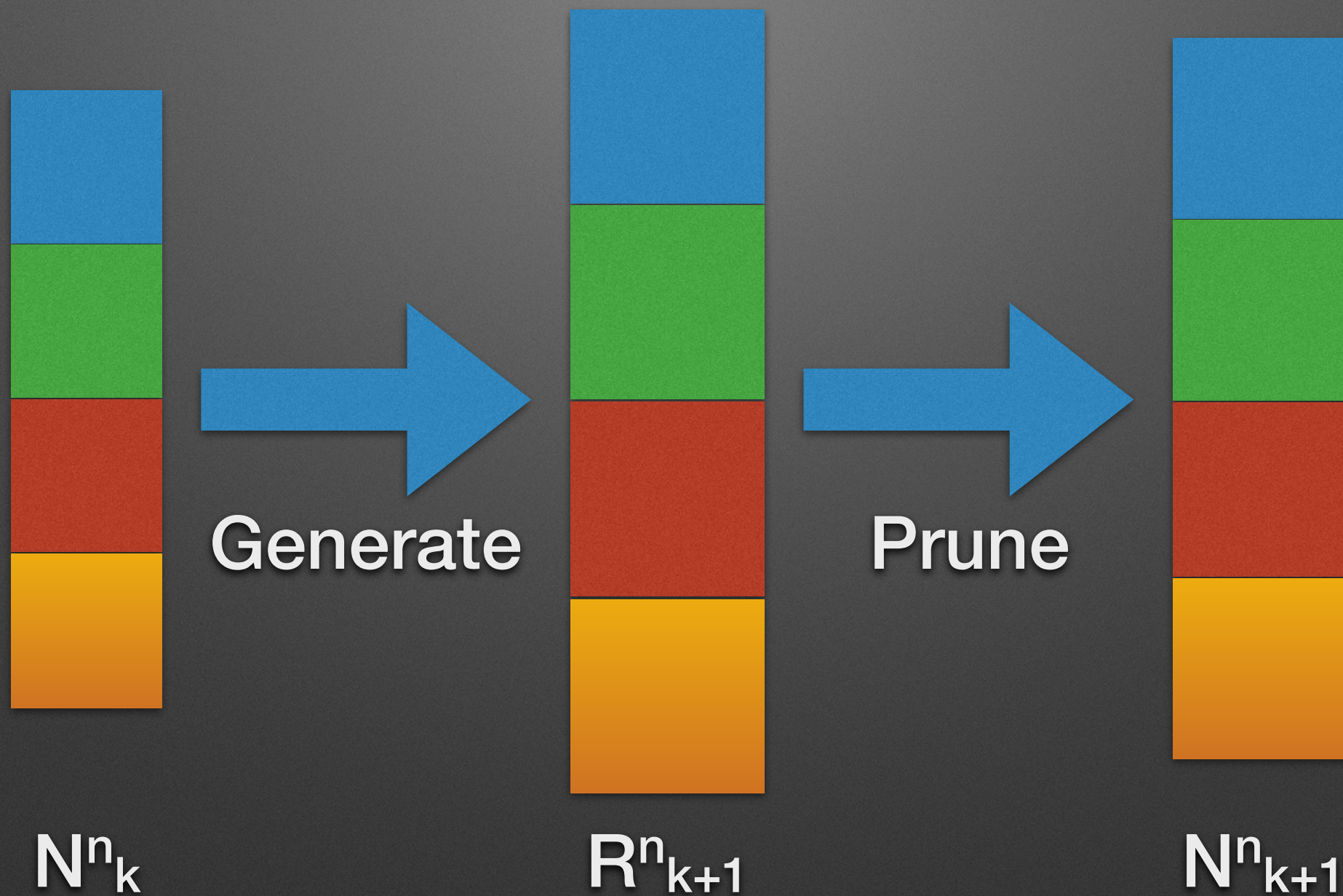# 25 Comparators is Optimal when Sorting 9 Inputs

- Optimal Size
  (9 channels)

- Generate & Prune

- Subsumes

Generate & Prune

Generate

Prune

N^n_k

R^n_{k+1}

N^n_{k+1}

Conclusion

WHAT?
Find optimal size for 9 channels

HOW?
Reproduce method of the paper

EVALUATION CRITERIA?
Result described in the paper

Questions?