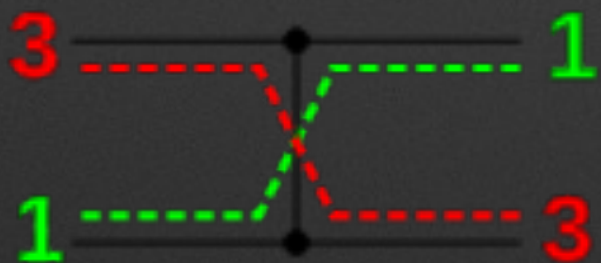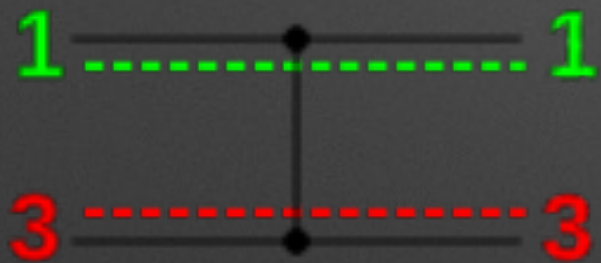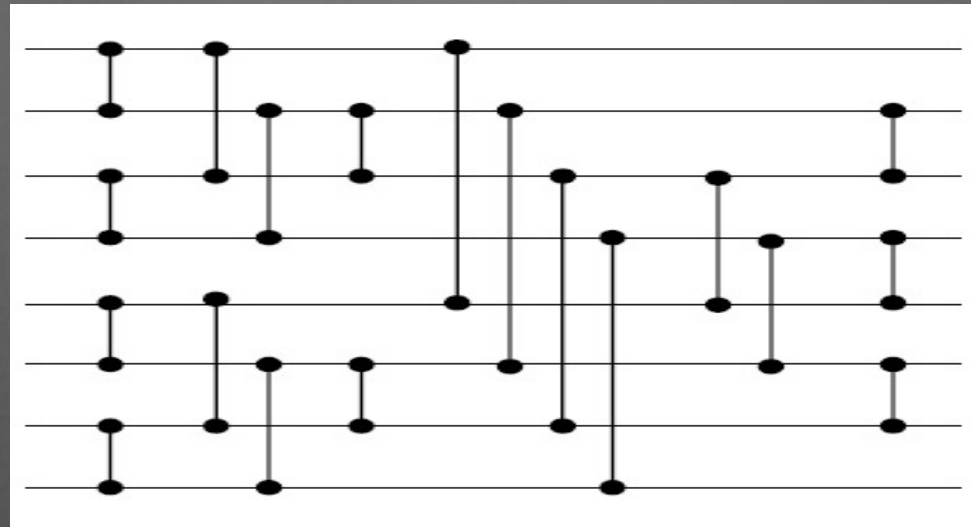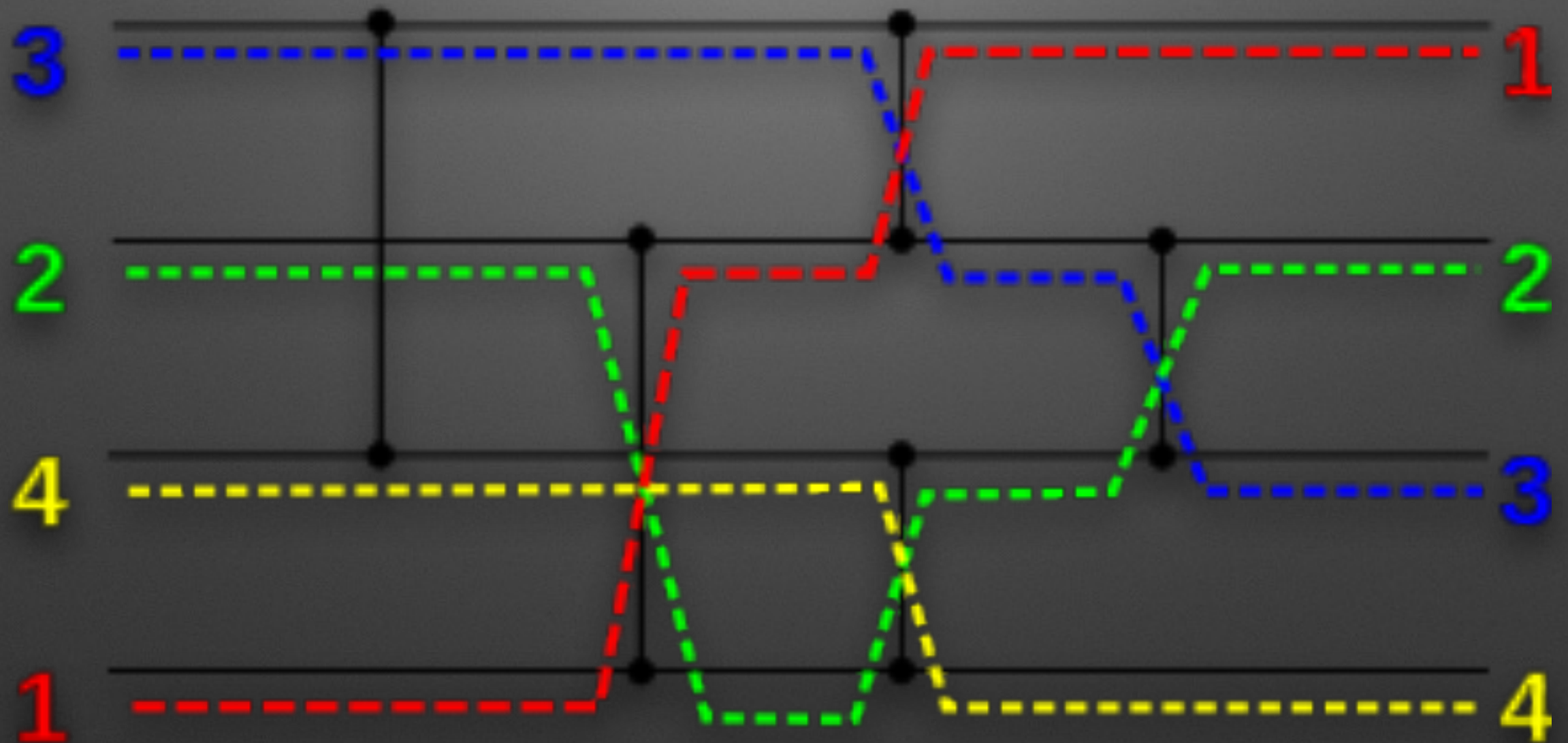# Sorting Networks

Mathias Dekempeneer
Vincent Derkinderen
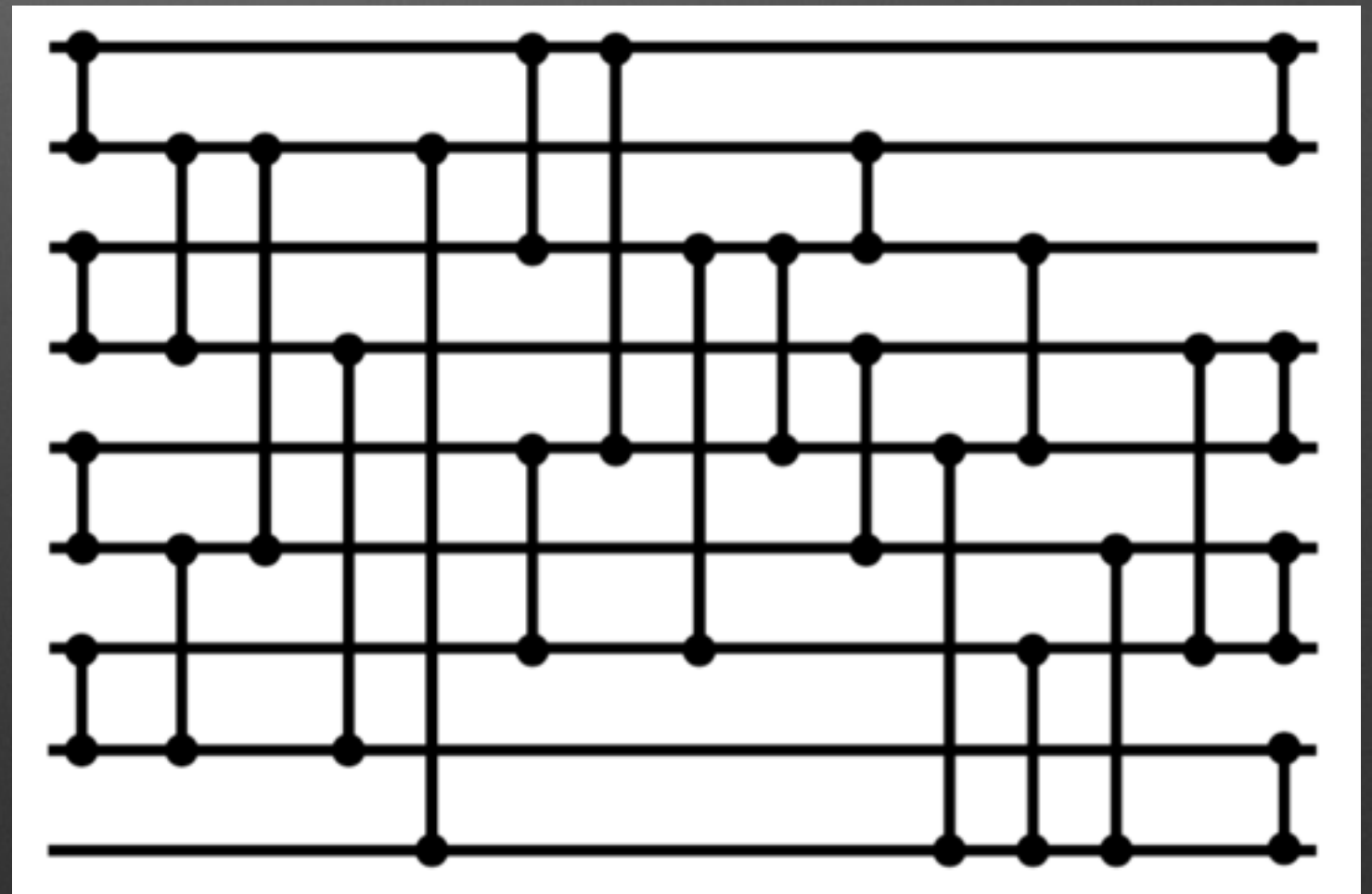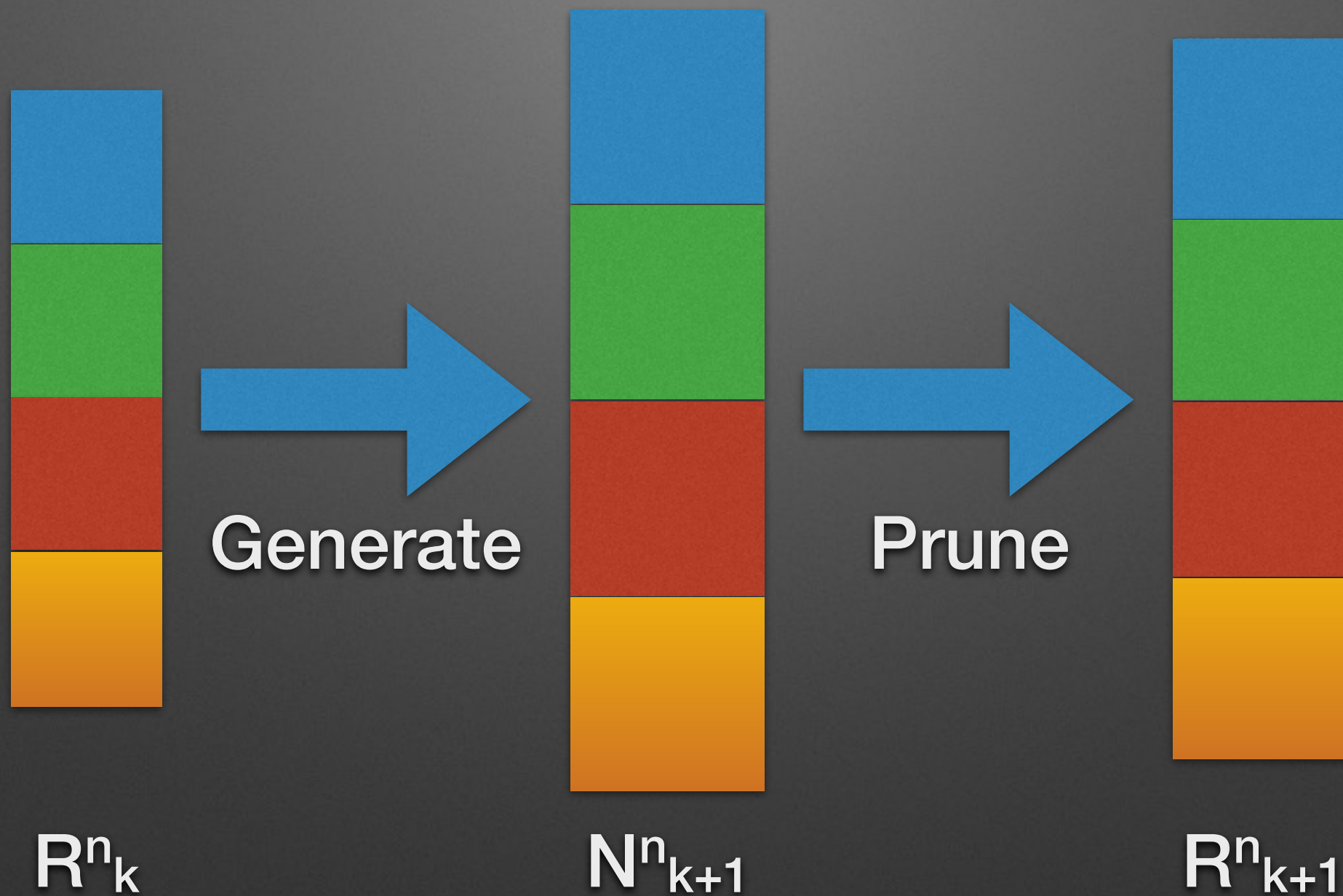Begeleider: Tom Schrijvers

Comparator Network
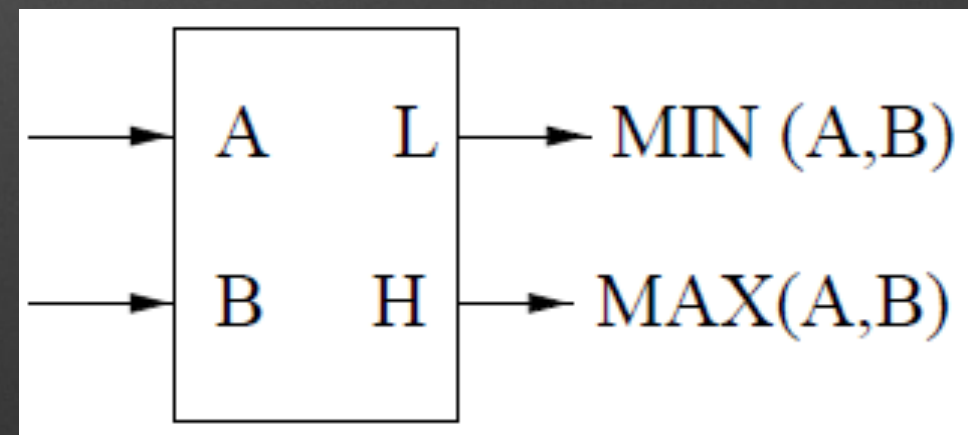
Sorting Network

25 Comparators is Optimal when Sorting 9 Inputs

- Optimal Size
  (9 channels)

- Generate & Prune

- Subsumes

Generate & Prune

R^n_k Generate N^n_{k+1} Prune R^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?