# Formal Verification of the RANKING algorithm for Online Bipartite Matching

Christoph Madlener 22.06.2022

### **Online Bipartite Matching**

## **Competitive Ratio**

#### **RANKING**

[3] [2]

# Analysis on instances with a perfect matching

### A "simple structural observation"

[1]

# Remaining combinatorics

#### Randomization

#### **Permutations**

#### References



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