

COMPETITIVE ONLINE COVERAGE OF A MOBILE ROBOT

2 ONLINE ALGORITHMS COMPETITIVELY ANALYSED

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TEASER

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INTRODUCTION

DEFINITIONS

RELATED WORK

SPIRAL STC

SCAN STC

DIFFERENCES TO SPIRAL STC

ANALYSIS OF THE ALGORITHMS

THEOREM 1

OPTIMALITY AND COMPETITIVE RATIO

UNIVERSAL LOWER BOUND

THEOREM 2

CONCLUSION

CONCLUSION

THANKS!

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