

# Energy-Aware Ergodic Search: Continuous Long-Term Exploration for Multiagent Systems

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*Abstract*—

*Index Terms*—Motion and Path Planning; Energy and Environment-Aware Autonomation.

## I. INTRODUCTION

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## II. PROBLEM FORMULATION

## III. METHODS

### A. Ergodic search

### B. Battery modeling

## IV. EXPERIMENTAL RESULTS

## V. CONCLUSION AND FUTURE DIRECTIONS

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