

{tag}

{/tag}

International Journal of Computer Applications

© 2014 by IJCA Journal

Volume 100 - Number 13

Year of Publication: 2014

Authors:

Manoj Kumar

10.5120/17582-8284

{bibtex}pxc3898284.bib{/bibtex}

Abstract

In this paper, It has been proved that there can be more than one shortest path between two different points in space for self managed digital systems with finite memory space. Also, a formula has been given, that can be used to find total number of different paths between given two points.

References

- Donald Hearn and M. Pauline Baker. Computer Graphics C version. Dorling Kindersley (India) Pvt. Ltd. , Licensees of Pearson Education in South Asia, 2008.
- Edgar A. Kraut. Fundamentals of Mathematical Physics. Dover Publications, 2007.
- V. Rajaraman and T. Radhakrishnan. An Introduction to Digital Computer Design. Prentice-Hall of India Private Limited New Delhi, fourth edition, June 1998.
- James A. Storer and John H. Reif. Shortest paths in the plane with polygon obstacles. Journal of the Association for Computing Machinery, 41, No. 5:982–1012, september 1994.

Index Terms

Computer Science

Applied Mathematics

Keywords

Shortest Paths Robotics Self Managed Digital Systems Space Movement of
Digital Systems Robot
Motion
Minimal Movement Problem