Accepted Manuscript

Maximizing Lifetime of a Wireless Sensor Network via Joint Optimizing Sink Placement and Sensor-to-Sink Routing

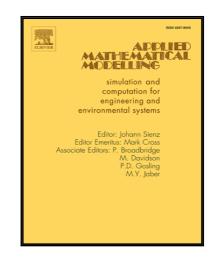
Chuanxin Zhao, Changzhi Wu, Xiangyu Wang, Bingo Wing-Kuen Ling, Kok Lay Teo, Jae-Myung Lee, Kwang-Hyo Jung

PII: S0307-904X(17)30318-9 DOI: 10.1016/j.apm.2017.05.001

Reference: APM 11753

To appear in: Applied Mathematical Modelling

Received date: 18 August 2015 Revised date: 9 March 2017 Accepted date: 2 May 2017



Please cite this article as: Chuanxin Zhao, Changzhi Wu, Xiangyu Wang, Bingo Wing-Kuen Ling, Kok Lay Teo, Jae-Myung Lee, Kwang-Hyo Jung, Maximizing Lifetime of a Wireless Sensor Network via Joint Optimizing Sink Placement and Sensor-to-Sink Routing, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.05.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlitgts

- Model jointly optimal sink placement and sensor-to-sink routing as a mixed integer optimization problem
- Propose a discrete particle swarm optimization for sensor-to-sink routing
- Develop a novel diffusion particle swarm optimization for sinks placement
- Show superiority of our method over existing results through experimental comparisons.

دريافت فورى ب متن كامل مقاله

ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
 - ✓ امكان دانلود نسخه ترجمه شده مقالات
 - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
 - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات