Papers title

Marcos Daniel Valadão Baroni, João Carlos, Flávio Miguel Varejão, Diego
Luchi,
Núcleo de Inferência em Algoritmos (NINFA) - Departamento de Informática
Universidade Federal do Espírito Santo
Vitória, Espírito Santo, Brasil

No Institute Given

Abstract. Electricity fraud corresponds to a major source of loss of
Electricity Distribution Companies (EDCO's) in developing countries.
To attenuate this, EDCO's have at their disposal several loss reduction
actions. These actions must be performed to reach a given energy loss
reduction goal, established by the regulatory agency. If this goal is not
reached, the profit margin of the company is reduced. This work defines a
formal model for the action allocation task and proposes an exact math-
ematic programming method for solving small instances of the problem
and two heuristic methods for larger ones. We compare the techniques
considering running time and solution quality.

1   Introduction

2   Related Work

3   Problem Definition

4   Solving the Problem

5   Experiments

6   Conclusion and Future Works