資料探勘於曾文水庫集水區影像分類之研究

黃國矩,陳莉,黃文娟

土木與工程資訊學系

工學院

lichen@chu.edu.tw

摘要

The image of the satellite cooperates with the categorized theory while engaged in the relevant
investigation used in covering or land on the grounding. The main characteristics of remote sensing
include wide cover and up-to-date. It is able to serve as a kind of effective survey tool for
environmental resource database. In our study MSS imagery of SPOT satellite and their textureal
features were used for landuse classification of Tsengwen Reservoir watershed located in southern
Taiwan. this study aimed at imergy classification by datamining model includingArtificial Neural
Network ，ANN、Inductive Decision Tree learning ，ITD and Support Vector Machine，SVM.

關鍵字：data mining、land-cover、classification