

[Chavent, Marie](#)

A monothetic clustering method. (English) [Zbl 0915.68148](#)
[Pattern Recognit. Lett. 19, No. 11, 989-996 \(1998\)](#).

Summary: The proposed divisive clustering method performs simultaneously a hierarchy of a set of objects and a monothetic characterization of each cluster of the hierarchy. A division is performed according to the within-cluster inertia criterion which is minimized among the bipartitions induced by a set of binary questions. In order to improve the clustering, the algorithm revises at each step the division which has induced the cluster chosen for division.

MSC:

[68T10](#) Pattern recognition, speech recognition

Cited in **14** Documents

Keywords:

[divisive clustering method](#)

Full Text: [DOI](#)