# Modeling of multi-dimentional object clustering in Visual C + +

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*A hybrid clustering algorithm that requires prior information neither on the number of clusters, nor on the form of the sample is presented. It is based on a combination of the iterative method of searching for local condensations and methods for determining the connected components of the graph. A software module simulation of cluster analysis is described, which uses a nonlinear dynamical structure for implementation.*

***Keywords:*** *clustering, modeling, program, algorithm, graphs, metrics, dynamic non-linear structures.*

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