A density-based clustering method using ~~of~~the X parameter calculation

> **Commented [MR1]:** The last part of the title ("using the X parameter calculation") seems unclear to me. Plz just chk and make sure it is correct.
>
> MAYBE u mean:
> "A density-based clustering method with calculating the X parameter".

Abstract

~~In t~~This aper presents~~,~~ a density clustering algorithm based on X ~~is presented~~. To obtain proper clustering, ~~Since~~ many methods developed in this domain depend on the X input parameters selected by the user~~. to obtain proper clustering,~~ The algorithm proposed in this paper, though, requires X and do~~es~~ not depend on the order of selection of the initial pattern in the data. The obtained results show~~ed~~ the effectiveness and efficiency of the presented algorithm ~~that canregarding the~~ correct~~ly~~ identif~~ication of y~~clusters with desired shape, size, and density. ~~AlsoIn~~ addition, ~~the final results showed that~~ the proposed algorithm was found ~~is suitableeffective for~~in estimating the number of clusters in most of the data sets considered in this study.

> **Commented [MR2]:** "results' of what?
> If u have experiments, for example, you can add a clear introduction to this sentence as follows:
> "To evaluate the effectiveness of the proposed algorithm, some experiments were conducted. The obtained results showed…"

Keywords: ???

Introduction

Clustering, as an unsupervised learning method, is one of the main data mining techniques. It refers to T~~t~~he process of grouping a set of data and putting them into classes of similar samples ~~is~~

~~called clustering~~. A cluster is a set of data that are most similar to each other but different from the data of other clusters. One of the clustering approaches in X is the use of d~~D~~ensity-based clustering algorithms ~~are one of the clustering methods in data mining~~. In these ~~density-based clustering~~ algorithms, points with high density are identified and placed in a cluster. ~~One of the advantages of t~~These algorithms have three advantages: ~~is that these algorithms~~they do not limit themselves to the form of clusters, ~~and~~ they are ~~also~~ easy to understand~~.~~, and they do not need to determine the number of clusters in advance. The relevant literature consists of m~~M~~any X clustering algorithms ~~have been proposed~~. One of the famous algorithms in this field is ~~-~~X, which was introduced by X in 1996~~.~~.