Dear Sirs/Madams

Thank you very much for valuable comments. These comments help me to improve the paper by the best way. Following are my feedbacks to the comments.

# **Reviewer 1**

## **Comment 1.1**

The paper presents a personal point of view about Recommender Systems (RS). From a general description of RS and their classification, the author describes a new proposal based on the discovery of frequent item sets.

The algorithmic proposal in quite detailed and do not use any previous algorithm in any part of the proposed method. However, there are many options in the literature that the paper does not consider.

In fact, there is not a properly description of the state of the art. There is no identification of flaws in available RS.

*Feedback*: Thank you for appreciating my algorithm. I have just added the full literature in the introduction section.

## **Comment 1.2**

It is hard to classify this paper for this purpose. The paper is out of the stream of research in RS.

*Feedback*:The paper aims to apply mining frequent itemsets into collaborative filtering.

## **Comment 1.3**

The paper does not present any contribution to the field.

*Feedback*: I try my best to contribute to recommendation study by proposing a new approach to collaborative filtering, based on mining frequent itemsets.

## **Comment 1.4**

The paper is poorly written.

*Feedback*: I have just revised the paper in grammar and spelling so that it is more readable.

## **Comment 1.5**

The paper is detailed.

*Feedback*: Thank you for appreciating my work.

## **Comment 1.6**

No figures. Tables show naive information.

*Feedback*: I have just added more tables and figures such as table 6, figure 1, figure 2.

## **Comment 1.7**

References are too old and not relevant.

*Feedback*: I have just referred and added more references.

## **Comment 1.8**

The paper is far from the quality needed to be published in this Journal.

*Feedback*: I try my best to improve the paper.

# **Reviewer 2**

## **Comment 2.1**

The paper describes an approach to collaborative filtering based on frequent itemset mining. In short, the contribution can be summarized as follows:

* An algorithm for mining frequent itemsets is introduced.
* New items (and relative ratings) can be recommended to the user by looking at the current history. If any frequent itemset is found which partially matches the user's history, then the mismatches can be exploited for recommendation.

*Feedback*: Thank you for understanding my work.

## **Comment 2.2**

Simple idea, apparently effective.

*Feedback*: Thank you for appreciating my work. The strong point of the proposed algorithm is based on its simplicity, in which there is no requirement of complex structure and complicated computation. What we need to do includes rolling bit sets with bit operations.

## **Comment 2.3**

* Extremely poorly written.
* Several inconsistencies in the formal framework.
* Experimental setup not fully explained.
* A comparison with the (HUGE) state of the art is totally ignored.

*Feedback*:

* I have just revised the paper in grammar and spelling so that it is more readable.
* I have just revised descriptions of proposed algorithms. Pseudo codes are explained in detail with regard to code lines. Some wrong codes are fixed. Please see pages 4, 5, 6.
* Descriptions of experiments are improved. Evaluation and comparison are explained in more detailed. Please see pages 7 and 8. Experimental results are expressed by additional tables and figures. Especially, I make an additional experiment on Movielens database with 1,000,000 ratings.
* I have just added the full literature in the introduction section.

## **Comment 2.4**