

# Building reference objects for a set of multidimensional time series\*

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МФТИ

**Abstract** - In this study we explore building reference object for time series cluster. Solving the problem of finding the best pattern (reference object), we first use DTW distance for preliminary clusterization. The research focuses on the study of methods of summarising (averaging) of different time series within one cluster using DBA algorithm.

**Keywords:** *time series, averaging, dynamic time warping, classification.*

## 1 Introduction

## 2 Section

### 2.1 Paragraph

## 3 Conclusion

## References

## References

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