1163-I1-1198   **Hanif Heidari*** (`hanif.heidari@gmail.com`), Department of Applied Mathematics, Damghan University, Damghan, Semnan, Iran. *Predicting the time series with big or small data.*

Prediction the time series is a hot topic in recent years since it have many applications in science and engineering. Some statistical and artificial intelligence methods are improved to predict the time series. But, there does not exist any methods that works on every time series. Researchers and analyst have to test some methods to find the best way for the prediction. In this presentation, the time series are classified to big and small data. The methods are classified to statistical and artificial intelligence methods. Some suitable methods for each time series class will be introduced. The methods are applied on some business and industrial problems. The results show that the proposed classification between the types of the problems and methods leads to more accurate results. At the end we will give some prospective points for the future work of this research area. (Received September 15, 2020)