

AN APPLICATION OF ARIMA MODELS

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Abstract: *In this article we present a practical application of time series analysis technique. The subject of time series prediction is of considerable interest, especially for researchers in economics, engineering, medicine and so on. The time series analyzed is the Term of Credit for commercial bank 48-month interest rates. We used an ARIMA(2,1,0) model to predict the value for future interest rates. Finally, some interesting remarks are made.*

Key words: *time series, autocorrelation function (ACF), partial autocorrelation function (PACF), ARIMA models, stationarity.*

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