ABSTRACT

In order to improve lines phones service to public society, integrated service provided with numerical data and graphical. There for to support the planning process of demand forecasting at local certain region area to make easier the system of service of lines phone.

This demand forecasting will be need some data, such as : the number of building, set of the line phone data, waiting list and maximum penetration constant factor (K), PDRB and population increase.

The micro and macro methods, which both usually used at forecasting demand are good for knowing the telephone requirement at the future. With existence of this forecasting demand expected obtaining of amenity for subscribers and telecomunications organizer.

The best Macro demand forecasting method is Linier Regretion method, because it's have the biggest corelation coefisien value (0,73) and the smallest SEE value (0,23).