Radio network planning models based on teletraffic demand: Design, implementation and improvement issues

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Improved demand based engineering method for designing radio networks of cellular mobile comm
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I. Introduction

THE mobile telecommunication industry has experienced unprecedented growth over the last ten
The industry is rapidly being transformed from a minority, high cost and application into a main st
telecommunications service used by the masses. Cellular systems which support high traffic capa
essential in order to support the ever-increasing number of mobile subscribers. Typically, cellular
launched in commercial and industrial areas to attract subscribers and provide service where it m
Planning is the management function that i r future organization
and deciding on the tasks and resources needed to be used in order to attain the said goals. Eng
provides the best possible radio signal at every location of the planning region. In designing cellu
is an important issue; due to the increased competition among network operators both capacity a

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