CELLULAR CONCEPT LEARNING PACKAGE

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ABSTRACT

In this project a learning package system is developed under Matlab using Graphical User Interface (GUI). It is an executable system which is specially designed to construct the instructor task easier in teaching the electrical communication engineering concepts and to assist students in getting a clearer understanding of Cellular Concept. The Cellular Concept Learning Package software consist of three parts which are notes, examples and simulation. It exists to enable users to learn more topics in cellular concept such as cell pattern, frequency reuse and traffic intensity. The learning package allows bringing students up to speed with concepts and quickly finding information. It will be clearly designed to provide the best learning opportunities. Students will find the benefits of use the package, as it provides the ability to learn from scratch or just look up a tag. This package provides accurate solutions and enables precise, compact and clear documentation of the models along with the results with minimal effort on the part of the user. At the end of the project, users are able to view their notes by using this software. The project mainly focuses on the accessibility to a Cellular Concept topic. This simply means that a user can be anywhere in learning process.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION TO CELLULAR CONCEPT LEARNING PACKAGE

Education has been seen to be both instrument of national development and a means of crossing national and cultural barriers. One consequences of this has been a great increase in the quantity of education provided. Attempts have been made to eradicate illiteracy, and colleges and schools have been built everywhere.

In the twenty first centuries or the information era, one third of a person life is spent in education and studying from the bottom to top. It all starts from primary school; moves forward to secondary and then steps into high school. Everything gets different when you step into the next stage, your new home, which is brings you a lot of new ideas and imaginations, university. Although learning method and educational system are important during the primary stages since it develops the main blocks of human mid, but the same importance goes through the university stages.

Before the digital era, the methods used for delivering lectures to students was only a black board where the lecturer used to write and explain on, and then we had student seating on chairs and taking down notes. The birth of digital industry, which is mainly pc industry contributed, began a new era in all aspects of human life's which we can say mainly the aim was making our lives easier. One of the aspects which had has gotten effect from the digital world is the education system. With the new educational experiences introduce changes in an established culture by using new procedures. These changes should be

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