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| **التخصيص الأمثل للموارد باستخدام اسلوب البرمجة الخطية وبناء جدول الجدوى الاقتصادية لشركة الصناعات الخفيفة** (قطاع مختلط ) | Thesis Title  |
| 1424 ه‍ بغداد 2003م | Year |
| Most industrial companies In Iraq, suffer from the problem of misuse of their available economic resources, which result decreasing their abilities to create value added and lowering their contribution in the formation of gross domestic product (GDP). This also leads to slowing the rate of growth of (GDP), while this can be avoided if decision makers in these companies can use the right scientific methods in achieving optimum methods in their resource allocation. Accordingly, the choice of the subject of this thesis takes the title : [the optimum allocation of resources by using the linear programming method, and building-up the economic feasibility schedule for light industries company (mixed sector)]. This company was particularly chosen, as a case study, as it is considered to be an important industrial company, in the mixed sector, and which can raise national product, reducing unemployment, hence, improving the economic indicators of the national economy. The method of analysis of research of shown through using the linear programming method, and post optimality analysis as two ways of planning methods which may help the management of the company in decision-making with regard to the present production plan, and for future expansion plans, as for achieving economic efficiency. The research covered four chapters: the first chapter deals with the theoretical economic framework, reviewing ideas connected with the subject of resource allocation. It also contains the quantitative theoretical framework, that deals with the conditions and concepts of the linear programming method, and the post optimality analysis. The second chapter deals with the objectives, and actual facts of the company as well as a brief historical review about its development. In addition, the study covered the company’s relative importance to the engineering industries (mixed sector), as well as the progress of the main economic and financial indicators in the company, for the period of (1991-2000), and its prospects for year 2005. The third chapter, deals with the practical side of the research, represented by preparing and gathering data for building-up linear programming models, in order to select a suitable production plan for the year 2001, in addition to using the post optimality analysis, to prepare necessary data needed for the study of the suggested investment expansion plans. The fourth chapter deals with the some theoretical economic ideas, relating to the economic feasibility schedule, in addition to building-up the economic feasibility schedule for the company, for the period of (2002-2012). The research was concluded with a number of conclusions and recommendations.  |  Abstract  |