

## **The curriculum Vitae**

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Name: **Manal Naji Yaqoob Al-Hareery**

Date of Birth :- **12th February 1972, Iraq**

Marital status: **Married**

Place of work: **University of Technology**

Languages spoken: **Arabic , English**

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### **Academic Record**

- [1990-1994] [University of Technology] [Baghdad, Iraq] Awarded [B.Sc. Degree in Applied Mathematics]
- [1996-1998] [University of Technology] [Baghdad, Iraq] Awarded [M.Sc. Degree in Applied Mathematics].

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### **Science degrees**

**Assistant lecturer: 1998**

**Senior lecturer: 2006**

**Assistant professor:2010**

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### **Researches and Books**

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#### **Researches:**

1. Numerical Evaluation of the Inverse Laplace Transform using Laguerre Functions (Journal of the College of Education/Al-Mustansiriya University/Volume number 3/2001). By Shatha Asaad Al-Najjar & Manal Naji Al-Hareere.
2. The Cyclic Decomposition of the factor Group  $cf^{(Z_{13}(n), Z)/R(Z_{13}(n))}$   
By Manal Naji Al-Hareery, publication in Al-Nahrain University Vol.11, No.1, April-2008.
3. On Finding the Coefficients  $C d - 3$  of the Ehrhart Polynomials of a Polyhedron in  $\mathbb{R}^d$ . publication in Al-Nahrain University. By Shatha Asaad Al-Najjar & Manal Naji Al-Hareery Vol.11, No.1, April-2008.
4. Simplifying Optimum Lot Sizing Technique Procedures (Wagner-Whitin Technique). By Manal Naji Al-Hareere and Maha AL- Rawi ,Publication in Babil University, Vol.17, No.4, 2009.
5. Combinatorial Algorithm for Finding Spanning Forests. Under publication in Al-Nahrain University, 2010.
6. A New Combinatorial Computation of the Characteristics Polynomial of the Graph  $P_n$  and  $C_n$  , publication in journal of basic education, 2010.

7. The Primary Decomposition of the Factor Group of  $(G, Z)/R(G)$ , By Manal N. Al-Harere, Eng. & Tech. Journal, Vol 29, No. 5, 2011 .
8. The Primary Decomposition of the Factor Group  $K(G)$ , Manal N. Al-Harere and Fuad A. Heety, Under publication in Eng. & Tech. Journal .