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Graduate

- * Bsc. Of Electronic Eng. Dept. of radio and T.V. Eng.at 1973
- * Msc. Of Electronic and Communication Eng. From Helwa University 1981
- * Ph.D Of Electronic and CommunicationEng. From. Menoufia University.at1987.

Academic Qualifications:-

Position work

- * Demonstration in faculty of Electronic Eng . at 14/10/1973
- * Assistant lecturer at 30 / 6/ 1981 .
- * lecturer at 30 / 6 / 1987
- * Assoc. prof at 22/11/1992
- * From 1991- 1996 lecturer in Tanbuo industrial colledge in S Arobia .
- * From 2003- 2004 as Ass . Prof in faculty of Engineering in Tahdy university , libia
- * From 2004 - Ass. Prof in faculty of Electronic Eng . Menoufia University

بيان بالبحوث والمقالات العلمية

الخاصة بالدكتور / صلاح الدين محمود دياب

List of publications

بحوث تم إجراؤها ونشرها مستخلصة من رسالة الماجستير : - أولا

1- Ahmed A. Montasser, and Salah E. M.A. Diab . " identification of Linear Dynamic Systems at different frequencies " , the Eighth Annual Operation Research Conference Special Issue , Vol. 8, No. 1 ,Feb. 1982 , pp 496- 511 (in Zagazic University, Egypt).

بحوث تم إجراؤها ونشرها مستخلصة من رسالة الدكتوراة :-ثانيا

2- T.M. Halim , S.M. Diab and M.S.Metwally , " A walsh Television pattern Generator " , The proceedings of the international Electrical and Electronic Engineering Conference, JI EEEEC,85 Apri 1 28- May 1, 1985, Amman, Jordan , pp . 95-99,

3- T.M. Halim , S.M.A. Diab, C.C. Goodyear and M.S.Metwally, " selection of the control parameter in the LMS Algorithmfor linear prediction of speech" , The proceeding s of 11th international congress for statics , computer Science , social and Demographic Research 29 March 3April ,1986 , pp . 95-109.

- 4- S.M.A. Diab, T.M. Halim, C.C. Goodyear and M.S.Metwally, "Adaptive prediction Using the LMS Algorithm in the walth domain" The proceedings of the Lasted international symposium Measurement Signal Processing and control – MECO '86 Septemper 3-5, 1986. Taorrmina, italy,, pp. 1991-1994.
- 5- S.M.A. Diab, C.C Goodyear, T.M. M.S.Metwally , "vector prediction Using the LMS Halim Algorithm" proceedings of the fifth National Radio Science Conference Feb. 16-18, and 1988,U.R.S.I. Cairo C23. Conference Feb. 16-18, 1988,U.R.S.I. Cairo C23.
- 6- S.M.A. Diab, C.C Goodyear, T.M. Halim and M.S.Metwally, "vector Quantization in an Orthogonal Transform Domain ". Thirteenth International Congress for statics , computer science , social and Demografic Research 26-31 March 1988. Also is accepted for presentation at the Thirty- sixth is ISMM international conference , Mini and microcomputers and their Applications, MIMI'88, June 27-30, 1988, Spain

**ثالثاً:- بحوث تم إجراؤها ونشرها بعد الحصول على درجة الدكتوراة
والتعيين في وظيفة مدرس (أى غير مستخلصة من رسالة
الدكتوراة):-**

- 7- Diab S.M.A ,Halim T.M., Mohanna M.A, " AnAlternative stability Approach for Microwave Amplifier ". Seventh National RadioScience Conference , Feb. 20-22, 1990.D6(Cairo Egypt).
- 8- Halim T.M., Diab S.M.A , Mohanna M.A, " A New Method for Analysis of Constant Total Forward Transmission Co- Efficient for Cascaded Networks " , proc . INT. CONF ., ST., COMP. Sc. Soc RES and DEM , March 1990, pp343-350(Cairo Egypt).
- 9- Halim T.M., Diab S.M.A, Gobrial G.A. , " Procedure and Approches for the design of Narrowband Microwave Transistor Amplifier ", Modelling, Simulation & Control
- 10- AMSE Press ,vol . 28, No. 1, 1990 ,pp . 49-63 (received Apr. 27, 1989). 10 Halim T.M., Diab S.M.A , Mohanna M.A, " General Analysis for obtaining chebyshev Polynominal co- efficient " and system s, calgary ,Alberta, Canada , August 12-25, 1990. Vol. II , PP.703-706 .
- 11- GoodC.C, Diab S.M.A, Halim T.M. "Convergence of the LMS Alogorithm in linear Prediction of Impulse Driven Signals ", Electronic Engineering Bulletin Faculty of Electronic Engineering, Menoufia University ,, No.. 1991,PP. 54-62.
- 12- Sourial R.S , Diab S.M.A, and Zakhary M.A , " Second Order Prediction as Applied to real Speech Signal " Eight National Radio Science Conference , Cairo , Egypt , Feb. 19-21,1991 . C11.
- 13-Halim T.M. , Diab S.M.A., EL-Rabaie S., Mohanaa M.A., " A simple Synthesis Procedure for the design of Microwave Broadb and Matching Networks ", 16th I International Congress for statics , Computer , Science , Social , and Demographic Research , 2-7 March 1991, pp.53- 63 ,Cairo , Egypt.
- 14 Diab S.M.A., " Convergence of the LMS Algorithm In Adaptive Linear Prediction of Real speech Signal " , Electronic Engineering Bulletin , Faculty of Electronic Engineering , Menoufia University ,No . 3,1992,PP.10-30.
- 15- M.E.M. Nasr ,S.E.N. Diab , M.A.Zin.EL-Din, and S, AbdEL-Daim , "Digital Processing of speech using ADPCMwith 2^{ed} Order Predictor " Electronic Engineering Bulletin, Bulletin, No.22, July 2001 ,p61-66