

## المصادر والمراجع : References : المراجع العربية:

- 1) الزوبيعي، عبيد محمود، (2007)، "طريقة مقترحة لتشخيص نماذج السلاسل الزمنية"، المؤتمر الاحصائي العربي الاول-عمان-الاردن.
- 2) إبراهيم، بسام يونس، (2004)، "التنبؤ بدرجات الحرارة في ولاية الخرطوم باستخدام أحد نماذج بوكس-جنكينز للسلاسل الزمنية"، مجلة العلوم والتقانة-السودان، العدد 5.
- 3) حامد، عماد يعقوب، (2009)، "نماذج بوكس-جنكينز ونماذج الشبكات العصبية الاصطناعية للتنبؤ في السلاسل الزمنية لقطاع الزراعي السوداني"، اطروحة دكتوراه مقدمة الى جامعة السودان للعلوم وتكنولوجيا.
- 4) جبارة، محمد جلال محمد عبد الله، (2012)، "التنبؤ بالسلاسل الزمنية لمنسوب النيل الازق في حطة ودمدني"، اطروحة دكتوراه مقدمة الى جامعة السودان للعلوم وتكنولوجيا.
- 5) فانديل، والتر، (1992)، "السلاسل الزمنية من وجهة التطبيقية ونماذج بوكس-جنكينز"، دار المريخ للنشر-السعودية.  
:00000000 00000000
- A.k.palit,D.popovic,(2005),"Computational Intellgence in Time Series(1  
.Forecasting", Springer-Verlag London
- Alexander.I,Galushkin,(2007),"Neural Networks Theory",Springer-Verlag(2  
.London
- Amir.F,Atiya,Senior,(1999),"Comparison Between Neural-Network(3  
Forecasting Techniques-Case Study:River Flow forecasting",Journal of  
.Transactions On Neural Networks, IEEE,10:2pp457-471
- Ana. Buhamra,Nejib.Smaouib,Mahmoud. Gabr,(2003),"The Box-Jenkins(4  
Analysis And Neural Networks:Prediction And Time Series Modelling",  
.Journal of Applied Mathematical Modelling, 27:6pp805-815
- Banks,Carson,Nelson,(1996),"Discrete-EventSystem Simulation",Springer- (5  
.Verlag London
- Bernd.Freisleben,Klaus.Ripper,(1995),"Economic Forecasting Using Neural(6  
.Networks",Journal Of Neural Networks,IEEE
- Box, Jenkins (1976)"Time Series Analysis forecasting & Control", Holden-(7  
.Day, San Francisco
- Bukhari.S,Adnan.H.,Hanif,(2008),"Inflation Forecasting Using Artificial(8  
.Neural Networks", Journal of Neural Networks, IEEE
- C. M. Lee and C.-N. Ko,(2009),"Time Series Prediction Using Rbf Neural(9  
Networks With A Nonlinear Time-Varying Evolution Pso Algorithm", Journal of  
.Neuro computing ,73:3pp449-460
- Cadenas.E,Jaramillo.O,Rivera.W,(2010),"Analysis And Forecasting Of Wind(10  
Velocity In Chetumal:Using The Single Exponential Smoothing  
.Method",Journal of Renewable Energy,35:5pp925-938
- Cadenas.E,Rivera.W,(2009),"Short Term Wind Speed Forecasting In(11  
LaVenta:Oaxaca:Using Artificial Neural Networks",Journal of Renewable  
.Energy

- Cadenas.E,Rivera.W,(2010),"Wind Speed Forecasting In Three Different(12  
Regions of Mexico:Using A Hybrid Arima-Ann Model", Journal of Renewable  
.Energy,35:12pp2732- 2748
- Catalo.J,Pousinho.H,Mendes.V,(2011),"Short-Term Wind Power Forecasting In(13  
Por-Tugal by Neural Networks And Wavelet Transform", Journal of Renewable  
.Energy,36:4pp1245-1258
- Chen.Y,Yang.B,Dong.J,Abraham.A,(2005),"Time-Series ForecastingUsing(14  
.Flexible Neural Tree Model", Journal of Information Sciences
- Chorng-Shyong.O,Jih-Jeng.H,Gwo-Hshiang.T,(2005),"ModelIdentification of(15  
Arima Family Using Genetic Algorithms", Journal of Applied Mathematics and  
.Computation,164:3pp885-912
- Chris.Chatfield,(1998),"Time Series Forecasting with Neural Networks", (16  
.Journal of Neural Networks,IEEE
- D.K.Wedding,K.J.Cios,(1996),"Time Series Forecasting by Combining Rbf(17  
Networks:Certainty Factors and The Box-Jenkins Model",Journal of Neuro  
.computing,10:2pp149–168
- D.E.Rumelhart,G.E.Hinton,R.J.Williams,(1986),"Learning Representations By(18  
.Back-Propagating Errors",Journal Of Neural Networks, IEEE
- Daryl.S.Paulson,(2007),"Handbook of Regression & Modeling",John Wiley &(19  
.Sons,New York
- Dayong.Gao,Y.Kinouchi,K.Itot,Xueli.Zhao,(2003),"Time SeriesIdentifying and(20  
.Modeling with Neural Networks",Journal Of Neural Networks,IEEE
- Derek.Y.C.Chan,Dan.Prage,(1991),"Analysis of Time Series by Neural(21  
.Networks", Journal of Neural Networks,IEEE
- Dong-chul.prak,(2011),"Prediction of Sunspot Sereis A Rrcurrent Nueral(22  
.Network",Journal Of Neural Networks,IEEE
- Draper,N.R,Smith.H,(1981),"Applied Regression Analysis"Second Edition,(23  
.John Wiley and Sons,New York
- Erol.Egrioglu,Cagdas.Aladag,Ufuk.Yolcu,(2013),"Fuzzy Time Series(24  
Forecasting With A Novel Hybrid Approach Combining Fuzzy C-Means And  
.Neural Networks",Journal of Expert Systems with Applications,40:8pp54–857
- F.M.Silva,L.B.Almeida,(1990),"Acceleration Techniques For The(25  
.Backpropagation Algorithm" ,Journal of Neural Networks,IEEE
- F.M.Tseng,H.C.Yu,G.H.Tzeng,(2002),"Combining Neural Network Model(26  
With Seasonal Time Series Arima Model",Journal of Technological  
.Forecasting and Social Change,69:1pp71–87
- Falco.I,Iazzetta.A,Natale.P,Tarantino.E,(1998),"Neural Networks For(27  
.Nonlinear Dynamics Modeling",Springer-Verlag, pp. 593-602
- Flores.JJ,Loaeza.R,Rodriguez.H,Cadenas.E,(2009),"WindSpeedForecasting(28  
Using A Hybrid Neural-Evolutive Approach",Journal of Computer Science,  
.Springer

- Florin.Leon,Mihai.Zaharia,(2010),"Stacked Heterogeneous Neural Networks(29  
for Time Series Forecasting", Journal of Mathematical Problems in  
.Engineering
- G.Zhang,B.E.Patuwo,M.Y.Hu,(1998),"Forecasting With Artificial Neural(30  
Networks:The State Of The Art",International Journal of Forecasting,  
.14:2pp35–62
- G.P.Zhang,(2003),"Time Series Forecasting Using A Hybrid ARIMA And(31  
.Neural Network Model",Journal of Neuro computing,50:3pp159–175
- G.P.Zhang,(2007),"ANeural Network Ensemble Method With Jittered(32  
Training Data For Time Series Forecasting",Journal of Information  
.Sciences,177:3pp5329–5346
- Gecynalda,Soares,(2006),"Hybrid Model With Dynamic Architecture For(33  
Forecasting Time Series",Internacional Joint Conference On Neural Networks,  
.IEEE
- George.e.P.Box,Gwilym.m.Jenkins,Gregory.C.Reinsel,(2011),"Time Series(34  
.Analysis Forecasting And Control", Fourth Edition. John Wiley & Sons, Inc
- Ghiassi.M,Saidane.H,Zimbra.DK,(2005),"ADynamic Artificial Neural(35  
Network Model For Forecasting Time Series Events.",International Journal of  
.Forecasting,21:3pp41-62
- Guo.Z,Zhao.W,Wang.J,(2012),"Multi-Step Forecasting For Wind Speed Using(36  
A Modified Emd-Based Artificial Neural Network Model",Journal of  
.Renewable Energy,37:1pp241-259
- Guoqiang.Zhang,B. Eddy Patuwo,Michael.Y.Hu,(1998)," Forecasting With(37  
.Artificial Neural Networks", International Journal of Forecasting
- H.Demuth,M.Beale,M.Hagan,(2010),"Neural Network Toolbox User's(38  
.Guide",Journal of Neuro computing
- H.Tong,(1989),"Threshold Models in Non linear Time Series Analysis", (39  
.Journal of Statistics, Springer, New York, NY, USA
- Héctor.Allende,Claudio.Moraga,Rodrigo.Salas,(2002),"Artificial Neural(40  
Networks In Time Series Forecasting:A Comparative Analysis",International  
.Journal of Forecasting,38:6pp685-707
- Hillier,liberman,(2005) ,"Introduction To The Operations Research" Eighth(41  
.Edition, Springer, New York, NY, USA
- J.Kamruzzaman,R.Begg,R.Sarker,(2006),"Artificial Neural Networks in(42  
.Finance and Manufacturing",Journal of Neural Networks,IEEE
- J.L.Harvill,B.K.Ray,(2005),"A note on multi-step forecasting with functional(43  
coefficient autoregressive models,"International Journal of  
.Forecasting,21:4pp717–727
- Jerome.T,Connor.R,Douglas.Martin,(1994),"Recurrent Neural Networks (44  
and Robust Time Series Prediction",Journal of Neural Networks,  
IEEE,5:2pp876-889

- Juan.J.Flores,Mario.Graff,Hector.Rodriguez,(2012),"Evolutive design of(45  
ARMA and ANN models for time series forecasting",Renewable Energy An  
.Intentional Journal,44:2pp225-230
- J.t.Gene hwang,A.Adam Ding,(1997),"Prediction Intervals for Artificial (46  
Neural Network",Journal of the American Statistical Association,  
.92:438pp748-757
- Jyh-Ming.Kuo,Jose.C.Principe,Bert.Vries,(1992),"Prediction of Chaotic Time(47  
.Series Using Recurrent Neural Networks",Journal of Neural Networks, IEEE
- K.Hornik,M.Stinchcombe,White.H,(1989),"Multilayer Feed forward Networks(48  
.Are Universal Approximators",Journal of Neural Networks,2:5pp 359–366
- Lawrence,Pasternak,Barry,(1998),"Applied Management Science",John Willey(49  
& Sons, Inc
- Li.G,Shi.J,Zhou.J,(2011), "Bayesian Adaptive Combination Of Short-Term(50  
Wind Speed Forecasts From Neural Network Models",Journal of Renewable  
.Energy,36:1pp352-369
- M.Reidmiller,H.Braun,(1993),"ADirect Adaptive Method Forcaster(51  
Backpropagation Learning:The Rprop Algorithm",Conference on Neural  
.Networks (ICNN),IEEE, pp586–591
- M.Ady,F.Collopy,(1998),"How Effective Are Neural Networks At Forecasting(52  
And Prediction:AREview And Evaluation",Journal of  
.Forecasting,17:5pp481–495
- M.Ghiassi,H.Saidane,(2005),"ADynamic Architecture For Artificial Neural(53  
.Networks", Journal of Neuro computing,63:6pp397–413
- M.Ghiassi,S. Nangoy,(2009),"A Dynamic Artificial Neural Network Model For(54  
Forecasting Nonlinear Processes,"Journal of Computers and Industrial  
.Engineering,57:1pp287–297
- M.Hagan,M.Menhaj,(1994),"Training Feedforward Networks With The(55  
.Marquardt Algorithm",Journal of Neural Networks, IEEE,5:6pp989–993
- M.V.D.Voort,Dougherty.M,Watson.S,(1996),"Combining Kohonen Maps With(56  
ARIMA Time Series Models To Forecast Traffic Flow",International Journal of  
.Forecasting
- M.F.Moller,(1993),"A Scaled Conjugate Gradient Algorithm Forecast(57  
.Supervised Learning", Journal of Neural Networks
- Makridakis.S and S.C.Wheelwright,(1999),"Forecasting method and(58  
.application", John Wiley and Sons
- Makridakis, Wheelwright, Hyndman,(1998),"Forecasting Methods and(59  
.applications", John Wiley & Sons
- Marcelo.C.Medeiros,Álvaro.Veiga,(2000),"A Hybrid Linear-Neural Model For(60  
.Time Series Forecasting",Journal of Neural Networks,IEEE
- Mehdi.Khashei,Mehdi.Bijari,(2010),"AnArtificial Neural Network (61  
(p, d, q)Model For Timeseries Forecasting",International Journal of Expert  
.Systems with Applications

- Mengtao.Huang,(2011),"The Application Of Dynamic Intelligent Neural(62  
.Network In Time Series Forecasting",Journal Of Neural Networks,IEEE
- Min.Qi,G.Peter.Zhang,(2008),"Trend Time–Series Modeling and Forecasting(63  
.With Neural Networks", Journal of Transactions on Neural Networks ,IEEE
- Minerva.T,Poli.I,(2001),"Building ARMA Models With Genetic Algorithms", (64  
.Journal of Computer Science, Springer
- Montgomery.D.C,Johson.L.A,(1976),"Forecasting and Time Series(65  
.Analysis",John Wiley & Sons,New York
- N.Ravishanker,Ray.B.K,(2002),"Bayesian Prediction For Vector ARIMA(66  
.Processes",International Journal of Forecasting,18:2pp207–214
- Nicolae.Morariu,Eugenia.Iancu,(2009),"ANeural Network Model For (67  
.Time-Series Forecasting",Romanian Journal of Economic Forecasting
- P.J.Brockwell,Davis.R.A,(1991),"Time Series:Theory and Methods", Second(68  
.Edition,Springer,New York
- Paulj.R.oebber,lance.f.B.Osart,(1996),"The Complex Relationship Between(69  
Forecast Skill And Forecast Value:AReal-World Analysis", Journal of Weather  
.and Forecasting,American Meteorological Society
- Peralta.J,Gutierrez.G,Sanchis.A,(2010),"Time Series Forecasting By Evolving (70  
Artificial Neural Networks Using Genetic Algorithms“,The International joint  
.conference on neural networks (IJCNN)",IEEEpp1-8
- Philippopoulos.K,Deligiorgi.D,(2012),"Application of Artificial Neural(71  
Networks For The Spatial Estimation of Wind Speed In A Coastal Region With  
.Complex Topography",Journal of Renewable Energy,38:3pp75-82
- Qing.Cao,Bradley.T.Ewing,Mark.A.Thompson,(2012)," Forecasting Wind(72  
Speed With Recurrent Neural Networks",European Journal of Operational  
. Research
- Ratnadip.Adhikari,Agrawal.R.K,(2011),"AHomogeneous Ensemble of(73  
Artificial Neural Networks for Time Series Forecasting",Journal of Computer  
.Applications
- Riahy.GH, Abedi.M,(2008),"Short Term Wind Speed Forcasting For Wind(74  
Turbine Applications Using Linear Prediction Method",Journal of Renewable  
.Energy
- Rivett,Patrick,(1980),"Model Building for Decision Analysis",John Willey &(75  
,Sons
- Robert.r.Andrawis,amir.f.Atiya,(2011),"Forecast Combinations of(76  
Computational Intelligence And Linear Models For The Nn5 Time Series  
.Forecasting Competition",International Journal of Forecasting
- Ruddy.B,(2011),"Very Short-Term Wind Power Forecasting With Neural(77  
Networks And Adaptive Bayesian Learning",Journal of Renewable  
.Energy,36:3pp1118-1124
- Rzempoluck,Edward.J,(1997),"Neural Network Data Analysis Using(78  
.Simulnet",Springer Verlag



- Sana.BuHamra,Nejib.Smaoui,Mahmoud.Gabr,(2003),"TheBox–Jenkins Analysis And Neural Networks:Prediction And Time Series Modelling",  
.Journal of Applied Mathematical Modelling 27:2pp805–815 (79
- Sandy.D.Balkin,Ord.J.Keith,(2000),"Automatic Neural Network Modeling .For Univariate Time Series",International Journal of Forecasting (80
- Seong.G.Kong,(2004),"Time Series Prediction with Evolvable Block-based .Neural Networks", Journal Of Neural Networks,IEEE (81
- Stern.H.S.,(1996):"Neural Networks In Applied Statistics",Journal of (82  
.Technometrics ,38:3pp205-214
- [Stetter.Olav\(2012\),"Model-Free Reconstruction of Neuronal Network Connectivity From Calcium Imaging Signals"](#),Journal of Neural Networks (83  
.IEEE
- Sven.F.Crone,Rohit.Dhawan,(2007),"Forecasting Seasonal Time Series with (84  
.Neural Networks", internacional Joint Conference on Neural Networks, IEEE
- T.Maryam.Ramezani,Hamid.Falaghi,Mahmood-Reza.Haghifam,(2005), (85  
"Short-Term Electric Load Forecasting Using Neural Networks",The  
.International Conference on "Computer as a Tool",IEEE
- Timo.Terasvirta,Dick.vanDijk,MarceloC.Medeiros, (86  
(2003),"Smooth Transition Autoregressions, Neural Networks:And  
Linear Models In Forecasting Macroeconomic Time Series",European  
.Journal of Operational Research
- Torbjgrn.Eltoft,Rui.J.P.deFigueiredo,(1999),"Dynamical- (87  
Functional Neural Networks for Time Series Prediction", Journal of  
.Neural Networks, IEEE
- .Tong.H,(1990),"Non-Linear Time Series",Oxford University Press(88  
.V.Vapnik,(1995),"Statistical Learning Theory",New York, Springer-Verlag(89
- Wei,W.W.S,(1990),"Time Series Analysis" Addison-Wesley Publishing(90  
.Company Inc
- Xianggen.Gan,(2011),"The Research of Rainfall Prediction Model (91  
.Based On Matlab Neural Network", Journal Of Neural Networks, IEEE
- Xiping.Wang,Ming.Meng,(2012)," A Hybrid Neural Network And ARIMA(92  
.Model For Energy Consumption Forecasting", Journal of Computers
- Yan.Bao-de,(2001),"Perceptron and Matlab", Journal of Industrial Control(93  
.Computer,14:2pp11-13
- Zhang.GP,(2003),"Time Series Forecasting Using A Hybrid ARIMA And(94  
.Neural Network Model",Journal of Neuro computing
- Zhang.GP,( 2007),"Aneural Network Ensemble Method With Jittered Training(95  
Data For Time Series Forecasting",Journal of Information  
.Sciences,177:53pp29-46