

รายชื่อหัวข้อโครงการพิเศษ 1 ปีการศึกษา 2557

กลุ่ม	ชื่อเรื่อง	ชื่อวารสาร
1	Synthetic double sampling np control chart for attributes	Computer & Industrial Engineering, 75, 157-169
2	Robustness of DEWMA versus EWMA control charts tp Non-Normal Processes	Journal of Modern Applied Statistical Methods, Vol.12, No.1, 148-163
3	Detecting trends and patterns in reliability data over time using exponentially weighted moving-averages	Reliability Engineering and System Safety 51 (1996) 201-207
4	A study of the median run length (MRL) performance of the EWMA t chart for the mean	Soth African Journal of Industrial Engineering, Vol 23(3) : 42-55
5	Model approach to estimate the probability of accepting a lot of heterogeneously contaminated powdered food using different sampling strategies	International Journal of Food Microbiology 184 (2014) 35-38
6	Performance of t control charts in short runs with unknown shift sizes	Computer & Industrial Engineering, 64(2013), 56-68
7	Comparing the Median Run Length (MRL) performances of the Max-EWMA and Max-DEWMA control charts for skewed distributions	Proceedings of the 2014 International Conference on Industrial Engineering and Operations Management Bail, Indonesia, January 7-9, 2014
8	An empirical evaluation of attribute control charts for monitoring defects	Expert Systems with Applications 38 (2011) 7869-7880
9	Nonparametric control charts for variability using runs rules	V.B.Ghute et al, The Experiment, 2014 Vol.24(4) 1683-1691
10	A new exponentially weighted moving average sign chart using repetitive sampling	Journal of Process Control 24 (2014) 1149-1153
11	A nonparametric exponentially weighted moving average Signed-rank chart for monitoring location	Computational statistics and data analysis, 55, 2490-2503
12	Statistical methods of estimating loss reserves in general insurance	Analele Stiintifice ale Universitatii "Alexardru Ioan Cuza" din Iasi (2010) : 357-71
13	A new nonparametric EWMA sign control chart	Expert Systems with Applications 38 (2011) 6239-6243
14	Confidence Interral for skewed distribution in outcome of change of difference between method	Clinical epidemiology and global health (2013) 1-4
15	Beta control charts for monitoring fraction data	Expert Systems with Applications, 39 (2012) 10236-10243
16	The usage of time series control charts for financial process analysis	Competitiveness Vol.4 ,Issue 3 ,29-45
17	Analysis and forcasting of wind velocity in chetumal, quintana roo, using the single exponential smoothing method	Renewable Energy 35 (2010) 925-930
18	ZIB-EWMA control chart for monitoring rare health events	Journal of mechanics in medicine and biology, Vol.11 No.4 (2011) 881-895
19	Ratio estimation of the population mean using auxiliary information in simple random sampling and median ranked set sampling	Statistics and Probability Letters 82 (2012) 1883-1890

รายชื่อหัวข้อโครงการพิเศษ 1 ปีการศึกษา 2557

กลุ่ม	ชื่อเรื่อง	ชื่อวารสาร
20	A comparison between the Standard Deviation of the Run Length (SDRL) performance of optimal EWMA and optimal CUSUM charts	Journal of Quality Measurement and Analysis 9(1) 2013, 1-8
21	Cumulative conformance count charts with variable sample sizes	International Journal of Trade ,Economics and Finance ,Vol.3 ,No.3 ,June2012
22	Monitoring process mean with a new EWMA control chart	Producao ,V.21 ,n.2 ,p.217-222 ,abr./jun.2011
23	A single chart with supplementary runs rules for monitoring the mean vector and the covariance matrix of multivariate processes	Computer and Industrial Engineering 66(2013) 431-437
24	A comprehensive review of value at risk methodologies	The Spanish Review of Financial Economics
25	Nonparametric control charts based on runs and Wilcoxon-type rank-sum statistics	Albers,W.,kallenberg,W.C.M.,2008.Minimum control charts. J. Statist. Plann Inference 138, 539-551
26	A hybrid neural network and ARIMA model for energy consumption forecasting	Journal of computer 7 (5) ; 1184-1190
27	Distribution-free control chart for Bivariate Process	Acad. Indus. , Vol.1(11), 703-705
28	Beta control charts for monitoring fraction data	Anna, A. and Caten, C.(2012)
29	Using EWMA control schemes for monitoring wafer quality in negative binomial process	Microelectronics Reliability 51 (2011) 400-405
30	A control chart for an exponential distribution using multiple dependent state sampling	Qual Quant, DOI 10.1007/S11135-014-0002-2
31	Adaptive CUSUM charts for monitoring linear drifts in Poisson rate	Int.J.Production Economics 148 (2014) 14-20
32	Factor analysis and multiple regression between topography and precipitation in Jeju Island, Korea	Journal of Hydrology 410, 189-203
33	A new monitoring design for uni-variate statistical quality control charts	Information Sciences 180(2010) 1051-1059
34	A two-parameter weighted Lindley distribution and its applications to survival data	Mathematics and computers in Simulation (2011) 1190-1201
35	New method to estimate the sample size for calculation of a proportion assuming binomial distribution	Research in Veterinary Science 95(2013) 405-409
36	Approaches to the process capability analysis in the case of non-normally distributed product quality characteristic	Proceedings of metal 2013
37	A note on a two-sample T test with one variance unknown	Statistical Methodology 8 (2011) 528-534
38	Confidence Interral optimization for testing hypotheses under data with low statistics	Computer Physics communication 185(2014) 933-938
39	Using logistic regression formulation to monitor heterogeneous usage rate for subscription-based services	Computers & Industrial Engineering

รายชื่อหัวข้อโครงการพิเศษ 1 ปีการศึกษา 2557

กลุ่ม	ชื่อเรื่อง	ชื่อวารสาร
40	Nonparametric CUSUM charts for process variability	Academia and industrial research Vol.3(1) 53-56,2014
41	Bivariate quality control using two-stage intelligent monitoring scheme	Expert Systems with Applications 41(2014) 7579-7595
42	A Monte Carlo Study of seven Homogeneity of Variance Tests	Journal of Mathematics and Statistics 6 (3) : 359-366,2010
43	Hydrothermal alteration mapping through multivariate logistic regression analysis of lithogeochemical data	Journal of Geochemical Exploration
44	A class of estimators for population ratio in simple random sampling using variable transformation	Journal of Statistics, 2014, 4, 284-291
45	Comparison of the ARMA,ARIMA and the autoregressive artificial neural network models in forecasting the monthly inflow of Dez dam reservoir	Hydrology, 476, 433-441
46	A simple estimator for partial linear regression with endogenous nonparametric variables	Economics Letters 124(2014) 100-103
47	Forecasting the US housing market	International Journal of Forecasting (2014)\
48	Multiple regression models to predict the annual energy consumption in the Spanish banking sector	Energy and Buildings 49(2012) 380-387
49	Exponentiated Weibull distribution	Statistica, annoLXVI,n02,2006,139-147
50	Designing of a new monitoring t-chart using repetitive sampling	Information Sciences 269(2014) 210-216
51	One-sided confidence intervals for population variances of skewed distributions.	Statistical Planning and Interence
52	On split sample and randomized confidence intervals for binomial proportions	Statistics and Probability Letters 92 ,65-71
53	Empirical power comparison of goodness of fit tests for normality in the presence of outliers	Journal of Physics : Conference Serie 435 (2013) 012041
54	Multi-objective genetic algorithm for economic statistical design of x-bar control chart	Scientia Iranica E (2013) 20(3),909-918
55	The positive false discovery rate: A Bayesian interpretation and the q-value	The Annals of Statistics
56	Optimization Methods of EWMA Statistics	Acta Polytechnica Hungarica
57	Asymmetric Tukey's control chart robust to skew and non-skew process observation	International Journal of Mathematical, Computational, Physical and Quantum Engineering Vol.7 No.8, 2013
58	A multiple testing correction method for genetic association studies using correlated single nucleotide polymorphisms	Genetic Epidemiology 32: 361-369
59	On the detection of influential outliers in linear regression analysis	American Journal of Theoretical and Applied Statistics

รายชื่อหัวข้อโครงการพิเศษ 1 ปีการศึกษา 2557

กลุ่ม	ชื่อเรื่อง	ชื่อวารสาร
60	Application of multivariate statistic analysis to quality control systems Relevance of the stages in poultry meat production	Food Control, 40: 243-249, 2014
61	Improve estimation of population variance using information on auxiliary attribute in sample random sampling	Applied Mathematics and Computation 235 (2014) 43-49
62	Exponentially Weighted Moving Average (EWMA) control charts for monitoring an Analytical process	Industrial & Engineering Chemistry Research, Vol.47,405-411(2008)
63	A right and left truncated Gamma distribution with application to the stars	Adv.studies Theor. Phys. Vol.7 no.23 1139-1147 HIKARI Ltd.
64	Composite Goodness-of-fit-tests for left-truncated loss samples	Technical report, University of California santa Barbara (2005b)
65	Process capability analysis for non normal data	Pakistan Business Review
66	Short term load forecasting technique based on the seasonal exponential adjustment method and the regression model	Energy conversion and management 70 (2013) 1-9
67	A multiple regression model for selecting audit team members	Procedia Economics and Finance 3 (2012) 204-210
68	Quantifying overdispersion effects in count regression data	Collaborative Research Center386,Discussion paper 289 (2002)
69	Determining sample size for building energy consumption surveys using statistical theory	Energy and Buildings 47(2012) 533-539
70	Avoiding the High Bonferroni Penalty in Genome-Wide Association Studies.	Genetic Epidemiology 34: 100-105, 2010
71	Intellectual capital and performance in the chines life Insurance industry	Omega 42 (2014) 65-74
72	Closed Form Prediction Intervals Applied Diseas Counts	The American statistician, 64, 250-256, 2010
73	An adaptive intelligent algorithm for forecasting bng term gasoline demand estimation : The cases of USA, Canada, Japan, Kuwait and Iran	Expert Systems with Application, 37, 7427-7437
74	Estimating pupulation proportions in the presence of missing data	Computational and Applied mathematics, 237, 2013, 470-476
75	Economic design of an x chart for short_run production	Int. J.Production Economics, 120, 2009 ,613-624
76	Analytic solution for ratchet guarantced minimum death benefit options under a varley of morality laws	Insurance : Mathmatics and Economics, 58, 2014, 14-23
77	Simultaneous Analysis of All SNPs in Genome-Wide and Re-sequencing Association Studies.	PLOS Genertics, 2008, 4(7)
78	An improved estimator of finite population mean when using two auxiliary attributes.	Applied Mathematics and Computation, 2014, 241, 14-24
79	Effective use of Pearson's product-moment correlation cofficient	Animal Behaviour, 93, 2014, 183-189
80	Inerval Estimators of the difference of Binomail Proportions	Journal of Statistical Planning and Tnterval, 148, 2014, 38-48
81	Applying logistic regression model to the examination results data.	Journal of Reliability and Statistical Studies, 4(2), 105-117