A．期刊論文(Refereed Papers)

- A-1. A note on James-Stein and Bayes empirical Bayes estimators.Commun.Stat-Theosr. Meth., 11(9), (1982),1029-1043. (SCI)

- A-2.Generalized James-Stein estimators, Commun. Stat-Theor.Meth., 11(20), (1982), 2249-2257. (SCI)

- A-3. A family of minimax estimators of a multivariate normalmean, Stat, & Prob, Letters, 1 (1983) , 125 - 128. (SCI)

- A-4.Generalized James-Stein estimators of a multivariate normalmean with unknown covariance matrix. J. Organ. Behavior &Statistics,1(1984),41-47.

- A-5. A family of dominating minimax estimators of a multivariatenormal mean. Stat. & Prob. Letters, 2(1984), 215-217. (SCI)

- A-6.Empirical Bayes approach to reliability estimation for theexponential distribution. IEEE Trans. on Reliability,V . R- 33 , 3 (Aug . 1984) , 2 33 - 236. (SCI)

- A-7.Asymptotic optimality of Bayes empirical Bayes estimatorsof a normal mean. J. Organ. Behavior & Statistics, 2(2),(1985), 123-130.

- A-8. A note on positive part estimators of a multivariate mean,J. Organ. Behavior & Statistics, 2(2), (1985), 119-121.

- A-9. Bayes empirical Bayes estimation of a Poisson mean. Stat.& Prob. Letters, 3(1985), 309-313. (SCI)

- A-10. A family of admissible minimax estimators of the mean of amultivariate normal distribution. Canadian J. Stat., 14(3),(1986), 245-250. (SCI)

- A-11.On asymptotic optimality of Bayes empirical Bayes estimators.Commun. Stat.-Theor, Meth., 16(4), (1987), 1087-1099. (SCI)

- A-12.The cycle time distribution of exponential cyclic queues withmultiple servers. Stat. & Prob. Letters, 6(1987), 77-81,(This paper is classified as a computer science paper byCOMPUTER MATHEMATICS ABSTRACT, 1988, see the abstract on p.448. (SCI)

- A-13. A modified James-Stein estimator with applications to multipleregression analysis. Scandinavian J. of Statistics, 15(1988),33-37. (SCI)
- A-14. Bayes minimax estimators of a multivariate normal mean,Statistic and Probability Letters, 11(1991), pp. 373-377. (SCI)
- A-15.A quick method for estimation of parameters of individualpulses in a multipath signal, Pattern Recognition, 25(12),(1992), 1529-1533. (SCI)
- A-16. Handprinted Chinese character recognition using probabilitydistribution feature, IJPRAI, 8(5), (1994), 1241-1258. (SCI)
- A-17. Unsupervised learning of prior weights for Bayes rules inpattern recognition, IJPRAI, 8(1), (1994), 323-335. (SCI)
- A-18. An algorithm to estimate the fraction defective and theexponential mean life using unlabeled samples, InformationProcessing Letters, 49(1994). 129-133. (SCI)
- A-19.An efficient algorithm to find the MLE of prior probabilities ofa mixture in pattern recognition, Pattern Recognition,29(1996), 337-339. (SCI)
- A-20.Multipath time delay estimation using change-point technique,Information Sciences, 92(1996), 95-107. (SCI)
- A-21. An alogithm to find all parameters in pattern recognitionusing unsupervised learning, Proc. Nat. Sci. Counc. ROC(A),21(5), (1997), 278-284.
- A-22. Eulultipath time delav estimation usincr elimination method,Proc. Sci. Counc, ROC(A), 21(4), (1997), 262-266.
- A-23. Multipath time delay estimation using regression stepwiseprocedures, IEEE Trans. Signal Processing, 46(1),(1998),191-195.
- A-24. Bayes empirical Bayes approach to unsupervised learning of parameters in pattern recognition, Pattern Recognition, vol.33,(2000),333-340.(SCI)
- A-25. Bayes empirical Bayes approach to estimation of the failure rate in exponential distribution. Commu. Stat.-Theor. Meth., vol.31, no.9,(2002),1457-1465.(SCI)

- A-26. Speech recognition of Mandarin monosyllables. Pattern Recognition, 36 (2003),2713-2721. (SCI)

- A-27. Classification on defective items using unidentified samples. Pattern Recognition, 2004. (to appear) (SCI)

- A-28. Bayes empirical Bayes decision rule for classification. Commu. Stat.-Theor. Meth. 2004. (to appear) (SCI)

- A-29. Estimation of component mean lifetimes of a masked system using unclassified system life data, Appied Math. Comput., (2005). (SCI)

- A-30. A simple statistical speech recognition of mandarin monosyllables. Applied Math. Comput., 177(2006)644-651.(SCI)

- A-31. Empirical Bayes decision rule for classification on defective items in Weibull distribution. Applied Math. Comput., (2006). Article in press (SCI)

B. PATENTS

- B-1. Handprinted chinese character recognition (5401 Chinese characters) using the probability distribution features, Taiwan, Pat. no. 58811, Pat. date: 1992/09-2007/09.

- B-2. Speech Recognition of 408 Mandarin monosyllables, Taiwan, Pat. no. 79114, Pat. date:1996/06-2100/03.

- B-3. Speech Recognition: Apparatus and method for normalization and categorizing linear predict coding cepstrum vectors using Bayesian categorization technique, USA, Pat. no. 5704004, Pat. date:1997/12-.

- B-4. Recognition method for 5401 handprinted Chinese characters, Japan, Pat. no. 3022672, Pat. date: 1998/01-.