BIBLIOGRAPHY

[1] AL-OSH, M.A. AND ALZAID, A.A. (1987) : First order integer valued autoregressive (INAR(1)) processes, *J. Time Series Anal.* **8**, 261-275.

[2] AL-OSH, M.A. AND ALY (1992) : First order autoregressive time series with negative binomial and geometric marginals, *Commun. Statist.- Theory Math.* **21(9)**, 2483-2492.

[3] ALPUIM, M.T. (1989) : An extremal Markovian sequence, *J. Appl. Prob.* **26**, 219-232.

[4] ALPUIM, M.T. AND ATHAYDE, E. (1990) : On the stationary distributions of some extremal Markovian sequences, *J. Appl. Prob.* **27**, 291-302.

[5] ALZAID, A.A. AND AL-OSH, .M.A. (1988) : First order integer valued autoregressive processes : distributional and regression properties, *Statist. Nederlandica* **42**, 53-61.

[6] ALZAID, A.A. AND AL-OSH, .M.A. (1990) : An integer valued p^{th}-order autoregressive structure (INAR(p)) process, *J. Appl. Prob.* **27**, 314-324.

[7] ARNOLD, B.C. AND ISAACSON D. (1976) : On solutions to $\min(X, Y) \stackrel{d}{=} aX$ and $\min(X, Y) \stackrel{d}{=} aX \stackrel{d}{=} bY$, Z, *Wahrschlichkeitsth. verw. Gebiete*, 115-119.

[8] ARNOLD, B.C. AND HALLETT, J.T. (1989): A characterization of the Pareto processes among stationary stochastic processes of the form $X_n = c \min(X_{n-1}, Y_n)$, *Statistics and Prob. Letters* **8**, 377-380.

[9] BONDESON (1979) : On generalized gamma and generalized negative binomial convolutions Part I, *Scand. Acturial J.*, 125-146.

[10] BOX, G.E.P. AND COX, D.R. (1964) : An analysis of transformations, *J. R. Statist. Soc.* B26, 211-252.

[11] CHERNICK, M.R., DALEY, D.J. AND LITTLEJOHN, R.P. (1988) : A time-reversibility relationship between two Markov chains with exponential stationary distributions, *J. Appl. Prob.* **25**, 418-422.

[12] COX, D.R. AND ISHAM, V. (1980) : *Point processes*, Chapman and Hall, London.

[13] DALEY, D.J.(1989): Characterization of distributions with exponential and geometric tails (Unpublished Menuscript)

[14] DALEY, D.J. and HASLETT, J (1982) : A thermal energy storage process with controlled input, *Adv. Appl. Prob.*, 14, 257-271.

[15] HOOGHIEMSTRA, G. and KEANE, M. (1985) : Calculation of the equilibrium distribution for a solar energy storage model., *J. Appl. Prob.*, 22, 852-864.

[16] HOOGHIEMSTRA, G. and SCHEFFER, C.L. (1986) : Some limit Theorems for an energy storage model, *Stoch. Proc. Appl.*, 22, 121-127.

[17] FELLER W. (1971) : *An introduction to probability theory and its applications*, Vol II, John Wiley & sons, New York.

[18] FISZ, M and VARADARAJAN, V.S. (1963) : A condition for the absolute continuity of infinitely divisible distributions, Z. Wahrch. und Verw. Gebiete 1, 335-339.

[19] GAVER, D.P. AND LEWIS, P.A.W. (1980) : First order autoregressive gamma sequences and point processes, *Adv. Appl. Prob.* 12, 727-745.

[20] GREEN RICHARD F. (1976) : Partial attraction of maxima, *J. Appl. Prob,* 13, 159-163.

[21] HASLETT, J. (1979) : Problems in the stochastic storage of a solar thermal energy. In *Analysis and optimizations of stochastic systems*, ed O. Jacobs, Academic Press, London.

[22] ELLAND, I.S. and NILSEN, T.S. (1976) On a general random exchange model, *J. Appl. Prob.* 13, 781-790.

[23] JACOBS, P.A. and LEWIS P.A.W. (1978a) : Discrete time series generated by mixtures-I : Correlational and runs properties, *J. R. Statist. Soc.* B, 40, 94-105.

[24] JACOBS, P.A. and LEWIS P.A.W. (1978b) : Discrete time series generated by mixtures-II : Asymptotic properties, *J. R. Statist. Soc.* B, 40, 222-228.

[25] JACOBS, P.A. and LEWIS P.A.W. (1983) : Stationary discrete autoregressive moving average time series generated by mixtures, *J. Time Series anal.* 4, 19-36.

[26] KAGAN, A.M., LINNICK, Yu. V. and RAO, C.R. (1973): Characterization problems in mathematical statistics, John Wiley and Sons, NY.

[27] KALAMKAR, V.A. (1995) : Minification processes with discrete marginals, *J. Appl. Prob.* **32**, 692-706.

[28] KLEBANOV, L.B., MANIA, G.M. AND MELAMAD, I.A. (1985) : A problem of Zolotarev and Analogs of infinitely divisible and stable distributions in a scheme for summing a random number of random variables, *Theory of Prob. and Applications* **29**, 791-794.

[29] KRUGLOV V.M. (1972) : On the extension of the class of stable distributions, *Theory of probability and applications*,**17**, 685-694.

[30] LAWRANCE, A.J. AND LEWIS, P.A.W. (1977) : An exponential moving average sequence and point process (EMA 1), *J. Appl. Prob.* **14**, 98-113.

[31] LAWRANCE, A.J. AND LEWIS, P.A.W. (1980) : The exponential autoregressive moving average EARMA(p, q) process, *J. R. Statist. Soc.*B **42**, 150-161.

[32] LAWRANCE, A.J. AND LEWIS, P.A.W. (1981) : A new autoregressive time-series model in exponential variables (NEAR(1)), *Adv. Appl. Prob.* **13**, 826-845.

[33] LEVY P. (1937) Theorie de l'addition des variables al'eatoires, Gauthier-villars, Paris.

[34] LEWIS, P.A.W. (1982) : *Simple multivariate time series for simulations of complex systems*, Proc. 1981 Winter Simulation Conf., Ed. T.I. Oren, C.M. Delfosse and C.M. Shab, 389-390.

[35] LEWIS, P.A.W. AND McKENZIE E. (1991) : Minification processes and their transformations, *J. Appl. Prob.* **28**, 45-57.

[36] LITTLEJOHN, R.P. (1992a): Discrete minification processes and reversibility, *J. Appl. Prob.* **29**, 82-91.

[37] LITTLEJOHN, R.P. (1992 b) : An operation which inverts Bernoulli multiplication and associated stationary reversible Markov processes, *J. Appl. Prob.*, **29**, 234-238.

[38] LUKACS E. (1970) : *Characteristic functions*, Grifin, London.

[39] McKENZIE E. (1985) : Some simple models for discrete variate time series, *Water Resources Bulletin* **21**, 645-650.

[40] McKENZIE E. (1986) : Autoregressive moving average processes with Negative Binomial and Geometric marginal distributions, *Adv Appl. Prob.* **18**, 679-705.

[41] MOHAN, N.R., VASUDEVA, R. AND HABBAR, H.V. (1993) : On geometrically infinite divisible laws and geometric domains of attraction, *Sankhya*, **55**, 171-179.

[42] NELSON, H. (1976) : The use of Box-Cox transformations in Economic Time series : An empirical study, Ph.D. Thesis, Economics Department, University of California, San Diego.

[43] PANCHEVA, E.I. (1990) : Self-decomposable distributions for maxima of independent random vectors, *Prob. Th. Rel. Fields* **84**, 267-278.

[44] PILLAI, R.N. (1991) : Semi-Pareto processes, *J. Appl. Prob.* **28**, 461-465.

[45] RUDIN, W. (1976) : *Principles of Mathematical Analysis*, 3rd Ed., McGraw-Hill Inc.

[46] SIM, C.H. (1986) : Simulation of Weibull and Gamma autoregressive stationary processes, *Commun. Statist. Simul.* **5**, 1141-1146.

[47] SIM, C.H. (1990) : First order autoregressive models for gamma and exponential processes, *J. Appl. Prob.*, 325-332.

[48] SREEHARI M. (1995) : Maximum stability and a generalization, *Statistics & Probability Letters*, **23**, 339-342.

[49] SREEHARI, M. and KALAMKAR, V.A. (1997) : Modelling some stationary Markov processes and related characterization, *Journal of Statistical Planning and Inference*, **63**, 363-375.

[50] STEUTEL F.W. and VAN HARN K. (1979) : Discrete analogous of self-decomposability and stability, *Ann. Prob.* **7**, 893-899.

[51] TAVARES L.V. (1980) : An exponential Markovian Stationary process, *J. Appl. Prob.*, **17**, 1117-1120.

[52] WEISS, G. (1975) : Time reversibility of linear stochastic processes, *J. Appl. Prob.*, **12**, 143-171.

[53] YEH, H.C., ARNOLD, B.C. AND ROBERTSON, C.A. (1988) : Pareto processes, *J. Appl. Prob.* **25**, 291-301.