	88. Title 39. Linites States Code	
. TITLE OF PUBLICATION	2. DATE OF FILING	
The Annals of Statistics		October 1's 1975
Bi-monthly Location of Known Office of Publication (Street, etc), count		\$ 25.00
Medical Research Bldg IV-Room 111 Univ. 6. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFF Medical Research Bldg IV-Room 111 Univ. 6. NAMES AND ADDRESSES OF PUBLISHE	of California, S.E.	San Francisco, CA 94
FUBLISHER (Name and address) M.R.	IV, Room 111	
Institute of Mathematical Statistics, Univ	versity of Calif,S.F.	
Prof. I.R. Savage, Dept. of Statistics, Yai MANAGING EDITOR (Name and address) Prof. D. Truex, Mathematics Dept., Univ. of		
7. OWNER (If owned by a corporation, its name and address must b	e stated and also immediately then	nunder the names and addresses of
elockholders owning or holding I percent or more of total amount of		
millidual countre must be given. If owned by d pertnership or other countries must be given.)		
NAMI	ADDR	L56
Institute of Mathematical Statistics M.	R. Bldg. IV - Room I	
(Unincorporated non-profit society) U	diversity of Californ	ia, S.F
	in Francisco, Californ	114 94143
3. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECUR		DING 1 PERCENT OR MORE OF
TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURIT	TIES (If there we name, so ste(s)	656
NONE		
snell mell such matter at the rates provided under this subsection u	we been entitled to mail metter und unless he files annually with the P	or former section 4350 of this trile data! Service a written request for
30 U. S. C. 2008 provides in continues part? The parent who would be added much under material at the same process under this susception. In accordance with the providence of the status, i.e. accordance with the providence of the status, i.e. accordance or the providence of the status, i.e. accordance process of the providence of the status, i.e. accordance process of the status, i.e. accordance or conservation of the U.S. Conservation of the status of the sta	we been entitled to mail matter und notes he files annually with the P hission to mail the publication name F. Tressurer Instituti IZED TO MAIL AT SPECIAL RAT	er former section 4350 of this trite catal Service a written request for id in (term 1 at the reduces postage to of Math. Statistics ES (Seelion 132.122 Postal Service
20 U. S 2020 provises to partners part. This parent who would be made mail task marker as the research provised under this unsection, parentalise to mail master at such rese." In accordance with the provision of this statum, I hereby request percesses presently authorized types U. S. C. 2020. Congritting I life or party, pushfor larguest message, or outsety of the party of t	we been entitled to mail metter and collect in the annually with the F haston to mail the publication name Tressurer Institut IZED TO MAIL AT SPECIAL RAT sanges Here changed during eding preceding 12 months	or former section 4356 of this tris- seals Service a written request for dirt flown 1 at the reduced pictoge B OF Math. Statistics ES (Section 132.122 Portal Service III changed, publisher must submit explanation of cham- uith this serment.)
BU 1. C. 2000 provides in permiser part. The passes has worth the second has been dear made under the second provides of the second provides to main matter at sect reason. The second provides to main matter at sect reason. I have by request permiser to main matter at sect reason. The second provides to reason. The second provides to reason. The purpose. Notice for the Section of the second provides to the second provides and second provid	we been entitled to mail matter und notes he files annually with the P hission to mail the publication name F. Tressurer Instituti IZED TO MAIL AT SPECIAL RAT	or former action 4356 of this time dead Service a written request for did in fam 1 at the reduces pickage of the fam 1. At the reduces pickage of the fam 1. At the reduces pickage of the fam 1. At the reduces family of the fam
20 U. S. C. 2000 persons in personal service services in the words in the service of the service	we been entitled to mail matter und ministe he files entrustily with the F hission to meil the publication name F. Treasurer Institut. IZED TO MAIL AT SPECIAL RAT Here changed during preceding 12 months AMSBACE NO CORES.	or former action 4356 of this time dead Service a written request for did in fam 1 at the reduces pickage of the fam 1. At the reduces pickage of the fam 1. At the reduces pickage of the fam 1. At the reduces family of the fam
SO U. S. C. 2002 provides to performed part, the states in the world in the control and make and in the control and the states. The control and the states is the control and the states in a secondary of the states, a leave provide in a secondary of the states, a leave provide in the states, a leave provide in the states, a leave provide in the states, and the states of the states, and the states of the states of the states, and the states of the	we been entitled to neil matter und entitled the annually with the P entitles annually with the P entit	or former action 4356 of the time detail Service a written request for did in 15mm 1 at the reduces polarized as of Math. Statistics Statistics Statistics Statistics Statistics Statistics Statistics Statistics are published must submit as polarized as a submit of a determination of the statistics of
SO U. S. C. 2002 provides to performed part. The season has would be asset made and has been provided to the season of the seaso	we been entitled to mail maters under the second of the se	ser former section 4386 of this rise section 4386 of this rise of in lamn 1 at the reducem photoge 8. Of Math. Statistics ES (Session 128.752 Possel Service 37 changed, publisher and \$7 changed, publisher and \$7 changed, publisher and \$7 changed to the changed of the \$7 changed to the changed of the \$7 changed to th
30 U.S. C. 2002 provides to performed part. The carean has would have all made and have been deed the security of the care and the part of the security of the care and the ca	we been entitled to mail maters under The second of the publication name The second of the second of the publication name The second of the second of the name The second of the sec	ser former section 4386 of this visit Server serving mountain or on the first serving
30 U. S. C. 2000 persons in personnel part. The season has worst his security of the control of the security of the personnel part and personnel part of the security of the personnel part of the per	we been entitled to mail meter under the free to the control of the publication name. F. Treasurer Institut: LIZED TO MAIL AT SPECIAL RATE AVERAGE NO. COPIES AVER	or former section ASEs of this time assumed as a section of the se
30 U. S. C. 2008 persons in personnel servi the servent has worst for service and many and many and the service and the service service file services in a secretary of the service in a secretary service ser	we been entitled to mail matter with the F - The mail the publication ment the publication may be recommended by the recommendation of the recommendation	or former section ASSE of this test and asset Service Serv
20 U. S 2828 provides in performs part The season has worden for account of the provides of the performance of the performa	to be exceeded in our answer or to be a publicated in our answer or to the a publicate to an our answer or to be a publicate to an our answer or to be a publicate to an our answer or to be a publicate to an our and a publicate to a publicate to an our and a publicate to an our and a publicate to	or former statement of the statement of
20 U. S. C. 2000 provides in performance part. The season has worst for inscribed in the control of the contro	The same of the policies of th	or from extended from a control of the control of t
30 U. S. C. 2009 persons in personnel part. The server has weed to be served and server file server file. The server has weed to be produced and the server file server file. The server file server f	when the course of the course	The former state of the first o

THE ANNALS OF PROBABILITY

V	ΩŢ	T	TN	ME.	2
	.,.		1 13	, ,	

DECEMBER 1975

No. 6

Special Invited Paper

The identification of point process systems..... DAVID R. BRILLINGER Discussion on Professor Brillinger's paper by D. R. Cox, P. Z. Marmarelis, and J. P. Segundo

Articles

Weak convergence of generalized empirical processes relative to d_q under strong mixing.............K. L. Mehra and M. Sudhakara Rao An approximation theorem for convolutions of probability measures

Louis H. Y. Chen

The class of subexponential distributions.......Jozef L. Teugels

Short Communications

The joint distribution of record values and inter-record times
M. M. Siddiqui and Ronald W. Biondini
On vague convergence of stochastic processes

R. V. ERICKSON AND VÁCLAV FABIAN

On convergence in r-mean of normalized partial sums

S. W. Dharmadhikari and M. Sreehari Uniform inequalities for conditional p-means given σ -lattices. H. D. Brunk A generalized Shannon-McMillan theorem for the action of an amenable group on a probability space...............J. C. Kieffer

Characterizations of some stochastic processes.......Y. H. WANG

The other law of the iterated logarithm

NARESH C. JAIN AND WILLIAM E. PRUITT

On the path absolute continuity of second order processes

STAMATIS CAMBANIS

A note on the proof of the zero-one law of Blum and Pathak

Wolfgang Sendler

Book Review

Stochastic Analysis, edited by D. G. Kendall and E. F. Harding Review by R. T. Smythe

Note

Correction to "Weak convergence of a two-sample empirical process and a new approach to Chernoff-Savage theorems"

RONALD PYKE AND GALEN SHORACK

CATALOG OF PUBLICATIONS OF THE INSTITUTE OF MATHEMATICAL STATISTICS

ANNALS INDEX

The Annals of Mathematical Statistics, Indexes to Volumes 1-31, 1930-60, edited by J. Arthur Greenwood, Ingram Olkin and I. Richard Savage, 1962, xiii + 658 pp. Subscribers Cost—\$10.00, Members Cost—\$5.00.

Order directly from Robert Elashoff, Treasurer, Business Office, 1367 Laurel Street, San Carlos, California 94070.

STATISTICAL RESEARCH MONOGRAPHS

This series is sponsored jointly by the Institute of Mathematical Statistics and the University of Chicago. Discount to members of IMS is 10 percent.

The passage problem for a stationary Markov chain by J. H. B. Kemperman, 1961, 127 pp. List price—\$5.00.

Statistical inference for Markov processes by Patrick Billingsley, 1961, 75 pp. List price—\$4.75.

Sequential identification and ranking procedures by Robert E. Bechhofer, Jack Kiefer and Milton Sobel, 1968, xvii + 420 pp. List price—\$17.50.

The analysis of frequency data by Shelby J. Haberman, 1974, 432 pp. List price—\$20.00.

Order directly from the University of Chicago Press, 5750 Ellis Avenue, Chicago, Illinois 60637.

SELECTED TABLES IN MATHEMATICAL STATISTICS

This series of volumes is prepared by the Committee of Mathematical Tables of the Institute of Mathematical Statistics and is published by the American Mathematical Society for the IMS. Discount to members of IMS is 25 percent. Selected tables in mathematical statistics, Vol. I, edited by H. L. Harter and D. B. Owen, 1970, vi + 405 pp. \$8.60.

Selected tables in mathematical statistics, Vol. II, edited by H. L. Harter and D. B. Owen, 1974, viii + 388 pp. \$14.10.

Order directly from the American Mathematical Society, P. O. Box 6248, Providence, Rhode Island 02904, Attention: Sales Department.