

Bibliographie für Versicherungsmathematik, Statistik und Datenverarbeitung

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Bibliographie für Versicherungsmathematik, Statistik und Datenverarbeitung

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Regeln für die Aufnahme von Abhandlungen

a) Versicherungsmathematische, -technische, -statistische sowie mathematisch-statistische Abhandlungen und Aufsätze über Datenverarbeitung werden ohne Einschränkung aufgeführt.

b) Versicherungswirtschaftliche Abhandlungen werden aufgenommen, sofern sie in einer für die Bibliographie ohnehin vorgesehenen Zeitschrift erschienen sind.

c) Mathematische Abhandlungen werden verzeichnet, sobald ein Zusammenhang mit Versicherungsmathematik oder mathematischer Statistik offensichtlich ist; im Gegensatz zu den frühern Jahren sind die rein mathematischen Zeitschriften nicht systematisch durchgesehen worden.

d) Statistische Arbeiten rein beschreibender Art fallen ausser Betracht, sofern sie nicht Erkenntnisse vermitteln, welche für die Versicherung bedeutungsvoll sind.

Den Bearbeitern der Bibliographie standen die Zeitschriften mit ganz wenig Ausnahmen im Original zur Verfügung. Im übrigen ist im Bedarfsfall auf die folgenden Bibliographien zu verweisen:

- a)* Schweizerische Zeitschrift für Volkswirtschaft und Statistik.
- b)* Revue de l'Institut International de Statistique.
- c)* Mathematical Reviews.
- d)* Zentralblatt für Mathematik und ihre Grenzgebiete.

Waren vom Jahrgang 1959 im Zeitpunkt der Bearbeitung nicht alle Nummern erschienen oder zugänglich, so ist die Anzahl der aufgenommenen Hefte bzw. Nummern angegeben. Ohne diese Einschränkung darf angenommen werden, der ganze Jahrgang 1959 sei ausgezogen.

Im Bestreben, eine möglichst lückenlose Bibliographie zu erhalten, haben wir auch die Abhandlungen in den «Mitteilungen der Vereinigung schweizerischer Versicherungsmathematiker» aufgeführt.

Mitteilungen der Vereinigung schweizerischer Versicherungsmathematiker

Band 59, 1959

- Rufener, Ernst*: Kleine Bemerkung zu einer Funktionalgleichung der Prämienreserve. S. 21–28.
- Nolfi, Padrot*: Die Berücksichtigung der Sterblichkeitsverbesserung in der Rentenversicherung nach der Optimalmethode der Spieltheorie. S. 29–48.
- Bühlmann, Hans*: Die beste erwartungstreue lineare Schätzfunktion der Übersterblichkeit. S. 49–58.
- Beneš, R.*: Über die Symbolik der Programmierung programmgesteuerter elektronischer Rechenanlagen. S. 59–74.
- Urech, Aug.*: Quelques aspects des capitaux différés et des rentes sur plusieurs têtes. S. 75–97.
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- Jecklin, Heinrich*: Elementare Bemerkungen betreffend Verbindungs- und Überlebensrenten auf mehrere Leben. S. 217–226.
- Iff, Paul*: Zur Darstellung versicherungstechnischer Werte durch Reihen. S. 227–240.
- Rufener, E.*: Quasiarithmetische Mittelbildungen an Verbindungsrenten. S. 241–250.
- Zwinggi, Ernst*: Methodische Bemerkungen zur Berechnung der Prämien, Deckungskapitalien und Gewinne in der Lebensversicherung. S. 251–260.
- Chuard, Jules*: Sur le rendement des obligations remboursables au pair à échéance fixe. S. 261–273.
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- Franckx, Edouard*: Sur la convergence forte. S. 293–296.
- van Klinken, J.*: On some estimation problems with regard to the Poisson-distribution and the χ^2 -minimum method. S. 297–306.
- Marx, A.*: Some notes on contingent debts. S. 307–328.

**Internationale Zeitschrift für versicherungsmathematische und statistische
Probleme der sozialen Sicherheit**

Nr. 3, 1959

- van Klinken, J.*: Applications of tests based on the Poisson model. S. 17–29.
- Jain, S.P.*: Sickness experience of the Indian Workers' Health Insurance Scheme and its significance. S. 31–42.

Januszkiewicz, J.: Analyse des variations du taux de fréquence des accidents du travail. S. 43–63.

Santini, Carlo: Formules approchées pour la détermination rapide d'annuités viagères sur deux têtes et pour la transformation d'annuités viagères sur une et deux têtes à la suite de la variation du taux d'intérêt. S. 65–86.

Myers, Robert J.: Actuarial techniques useful in public relations operations of social security systems. S. 87–94.

Maddey, Sir George: Financial and actuarial aspects of the new British National Pensions Scheme. S. 95–105.

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27. Jahrgang, 1959/60

Stoll, R.: Le calcul du plein de conservation. S. 1–11.

Christen, H.: Betrachtungen zur geplanten Teilrevision des KUVG 1911. S. 279–286.

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3. Jahrgang, 1959

Hänggi, Eugen: Das Problem der Leistungsdauer in der sozialen Krankenversicherung. Um die Abgrenzung zwischen Krankenversicherung und Invalidenversicherung. S. 112–125.

Schweizerische Zeitschrift für Volkswirtschaft und Statistik

95. Jahrgang, 1959

Bombach, Gottfried: Preisstabilität, wirtschaftliches Wachstum und Einkommensverteilung. S. 1–20.

Krelle, Wilhelm: Kartelle und Preisflexibilität. S. 209–213.

Niehans, Jürg: Noch einmal Kartelle und Preisflexibilität. S. 213–214.

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Ott, Alfred E.: Zum Problem der Preisdifferenzierung. S. 465–477.

Koenig, P.: Der Beitrag der Privatassekuranz an die schweizerische Ertragsbilanz. S. 500–509.

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Vol. 10, 1959

Uhlmann, Werner: Eine wahrscheinlichkeitstheoretische Begründung der Integrationsformeln von Newton-Cotes. S. 189–207.

Läuchli, Peter: Iterative Lösung und Fehlerabschätzung in der Ausgleichsrechnung. S. 245–280.

Erismann, Theodor: Der Analog-Interpolator. S. 339–347.

Elemente der Mathematik

Band 14, 1959

Prokop, W.: Einblick in den Aufbau und die Funktionsweise moderner Rechenautomaten. S. 123–129.

Dialectica

Vol. 13, 1959

Nichts zu vermerken.

Journal de génétique humaine

Vol. 8, 1959

Kaelin, A.: Méthodes d'estimation et tests dans les répartitions multinomiales, avec application aux données de Taillard et Prader concernant l'intersexualité. S. 134–160.

Lenne, Georges: Groupes sanguins ABO et ulcère duodéal. S. 263–274.

Bulletin de l'Association Royale des Actuaires Belges

N° 59, 1959

Franckx, E.: Sur la théorie des matrices et des inégalités linéaires. S. 23–26.

Ledoux, H.: Tables de mortalité de la population congolaise. S. 27–34.

Thyrion, P.: Sur une propriété des processus de Poisson généralisés. S. 35–46.

Frère, M.: Etude sur la mortalité des rentiers viagers, basée sur l'expérience 1939 à 1950, de la Compagnie Belge d'Assurances Générales sur la vie. S. 51–64.

Annales des Sciences Actuarielles

In 1959 nicht erschienen.

Bulletin du Comité Permanent des Congrès Internationaux d'Actuaires

N° 57, 1959

Nichts zu vermerken.

Bulletin des Assurances

39^e année, 1959

Nichts zu vermerken.

Cahier du Centre de Mathématique et de Statistique Appliquées aux Sciences Sociales de l'Institut de Sociologie Solvay

N° 1, 1959

Lambert, François: Programmes linéaires: Méthodes et exemples. S. 7–70.

Huyberegts, Simone: La théorie des jeux. S. 71–90.

Defrance, G.: Distribution et dispersion des prix (1922–1938) et des salaires (1929 à 1938) en Belgique. S. 91–106.

Annales de Sciences Economiques Appliquées

17^e année, 1959

Juckler, F. et Lehmann, G.P.: Diagnostic d'un système de «Merit Rating». S. 529 bis 545.

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25^e année, 1959

Evolution des taux de l'intérêt en Belgique depuis la première guerre mondiale (1919–1958). S. 75–122.

Wampach, Jean-Pierre: Les transformations des coefficients de fabrication dans l'agriculture belge en rapport avec les prix et les coûts de production 1936–1958. S. 473–532.

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N^o. 2, 1959

Lambert, François: Les problèmes d'attente. S. 5–28.

Debry, Robert, et Huyberechts, Simone: Quelques aspects de la théorie des graphes. S. 29–88.

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Roy, B.: Les calculs d'actualisation dans le cas de durées aléatoires. S. 35–46.

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Fortet, R.: L'algèbre de Boole et ses applications en recherche opérationnelles. S. 5–36.

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Band 4, Heft 2, 1959

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14. Jahrgang, 1959

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**Schriftenreihe des Instituts für Versicherungswissenschaft
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Kein neues Heft erschienen.

Jahrbuch 1959

herausgegeben vom Verein für Versicherungswissenschaft und -praxis zu Hessen

Müller-Lutz, H.L.: Die Auswirkungen der Automation auf die Versicherungswirtschaft und ihre Mitarbeiter. S. 21–28.

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- Adam, A.*: Verteilungsmasse und Verteilungsindizes. S. 239–244.

Zeitschrift für angewandte Mathematik und Mechanik

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- Nuding, E.*: Ein Sicherheitscode für Fernschreibgeräte, die zur Ein- und Ausgabe an elektronischen Rechenmaschinen verwendet werden. S. 249.
- Bachmann, K.-H.*: Automatisches Programmieren bei Kleinrechenautomaten. S. 341.
- Heinhold, J.*: Konforme Abbildung mittels elektronischer Analogierechenanlagen. S. 369–370.
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- Pösch, H.*: Über Programmierung und ihre Automation. S. 385–388.
- Ramakrishnan, A.*: Ambigeneous stochastic processes. S. 388–390.

Numerische Mathematik

1. Band, 1959

- Perlis, A.J.* and *Samelson, K.*: Report on the algorithmic language ALGOL by the ACM committee on programming languages and the GAMM committee on programming. S. 41–60.

Unternehmensforschung

Zeitschrift für die Anwendung quantitativer Methoden und neuer Techniken in der
Wirtschaftsführung und Praktischen Forschung

Band 3, 1959

- Geppert, F.*: Allgemeine Grundsätze zur Programmierung von Digital-Rechen-
automaten. S. 1–16.
- Stahlknecht, P.*: Optimale Betriebsmatrizen. S. 17–29.
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- Klingst, A.*: Optimale Bestelltermine bei zufallsveränderlichen Lieferfristen. S. 81
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- Rusch, E.*: Lösung eines speziellen linearen Programms, z. B. für Kostenvergleichs-
probleme. S. 95–117.
- Winkel, H.*: Das Dualproblem in der linearen Planungsrechnung. S. 118–129.
- Heyn, W.*: Probleme der Signifikanzberechnung in der Marktforschung. S. 130–136.
- Solodownikow, W. W.*: Die wissenschaftlichen Grundlagen, der derzeitige Stand
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S. 143–171.
- Adam, A.*: Statistische Lenkungsalgorithmen. S. 172–175.

Automatik

4. Jahrgang, 1959

- Wolpert, V.*: Elektronenrechner-Ausstellung in London. S. 45.
- Herschel, Rudolf und Hoehl, Bernhard*: Der elektrische Analogrechner und seine An-
wendung. S. 97–100 und 140–148.
- Plaut, Hans Georg*: Organisation des Rechnungswesens mit Lochkarte und Elek-
tronik. S. 101–102 und 149–152.

Elektronische Rechenanlagen

1. Jahrgang, 1959

- Piloty, R. und Zschekel, H.*: Elektronisches Auskunftssystem über die Verfügbarkeit
von Passagierplätzen im Luftverkehr. S. 6–16.
- Steinbuch, K.*: Nachrichtenverarbeitung. S. 17–19.
- Ammon, W. und Schneider, G.*: Beispiele zur Lösung technischer Probleme mit dem
Analogrechner. S. 29–34.
- Zuse, K.*: Über den Plankalkül. S. 68–71.
- Zemanek, H.*: Die algorithmische Formelsprache ALGOL. S. 72–79 und 140–143.
- Jacobsen, H.*: Aufgaben für Elektronenrechner im Bankbetrieb. S. 86–93.

- International conference on information processing (ICIP). S. 110–111.
Steinbuch, K.: Lernende Automaten. S. 112–118 und 172–175.
Samelson, K. und *Bauer, F.L.*: Sequentielle Formelübersetzung. S. 176–182.

Elektronische Datenverarbeitung

Folge 1–4, 1959

- Schuff, Hans Konrad*: Entwicklungstendenzen im Bereich der elektronischen Rechenanlagen. Nr. 1, S. 1–9.
Kettner, Karl Heinz: Der Integrationseffekt elektronischer Datenverarbeitung. Nr. 1, S. 14–19.
Diebold, John: Electronic computers – The challenge to management. Nr. 1, S. 20–23.
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Lesemann, Klaus Jürgen: Programmieren beim LGP 30. Nr. 1, S. 31–44.
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Fromme, Th.: Ein Adressierprogramm für die Z 22. Nr. 1, S. 49–52.
Ganzmann, Lutz: Beispiel eines integrierten Arbeitsablaufes. Nr. 2, S. 6–13.
Güntsch, Fritz-Rudolf und *Lukas, Harald*: Magnetbandrechner der Technischen Universität Berlin. Nr. 2, S. 13–46.
Hackl, Clemens: Aufbau und Befehlscode des Siemens-Digitalrechners 2002. Nr. 2, S. 46–53.
Kurschilgen, Horst: Die elektronische Datenverarbeitungsanlage GAMMA 60. Nr. 3, S. 1–7.
Liebel, Eberhard und *Zeyen, Günter*: Floodsches Berechnungsverfahren für die optimale Zuordnung von Maschinen zu Betriebspunkten. Nr. 3, S. 7–15.
Pärli, Hans: Bearbeitung von Lohnpfändungen mit elektronischen Rechenanlagen. Nr. 3, S. 16–20.
Kirchmann, Georg: Die NATIONAL-ELLIOT 405 und ihre Programmierung. Nr. 3, S. 21–29.
Williams, K.B. and *Haley, K.B.*: An application of linear programming in the mining industry. Nr. 4, S. 5–10.
Kuzenko, Werner: Eine Programmorganisation für die S 2002. Nr. 4, S. 10–13.
Pösch, Heinrich: Aufbau und Arbeitsweise der UNIVAC FAC-TRONIC. Nr. 4, S. 14–23.

Qualitätskontrolle

4. Jahrgang, 1959

- Lang, Reinhard*: Ein System von Einfachstichproben mit Abstufung nach Qualitätsniveau und Trennschärfe. S. 4–6.
Rusch, Edm.: Kostenvergleiche zwischen verschiedenen Revisionsverfahren der Technik. S. 6–11, 37–42, 51–59 und 68–76.
Itzelsberger, Günther: Die Grundlagen der Streuungserlegung. S. 13–17.

- Schreiber, W.*: Streuungsuntersuchung an zwei Rücksprung-Härteprüfgeräten. S. 17–19.
- Herrmann, Karl*: Auswertung von Vergleichsversuchen. S. 19–22.
- Stange, K.*: Über Probenahme bei Massengütern. S. 25–28.
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