

NOTES ON OTHER ACTUARIAL JOURNALS

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- LEEPIN, P. *Über den Einfluss von Änderungen der Rechnungsgrundlagen auf Prämien und Prämienreserven*, pp. 3-22. An examination of the effect on premiums and reserves of variations in interest and mortality for endowment assurances and more general types of assurance.
- HETZ, W. *Untersuchungen zum Erneuerungsproblem, insbesondere seine Darstellung als Markoffsche Kette*, pp. 23-56. Several types of renewal problem are studied in this paper by means of a matrix technique used in the theory of Markoff chains. The simplest case where the elements are of one kind and enter at age 0 is extended to entries at varying ages (with a probability distribution of ages) and further to the case where the population consists of elements of different kinds having different withdrawal rates. Limiting cases where the time $t \rightarrow \infty$ are also considered.
- BERGER, G. *Zur Frage des Verlaufs der Übersterblichkeit erhöhter Risiken*, pp. 57-75. An examination of a German experience of under-average lives covering the years 1924-37. The lives are divided into four classes by estimated extra mortality, expressed as a percentage of normal mortality. The actual mortality of these classes is compared with the expected normal mortality both in age-groups and in policy-year groups.
- Beiträge zur Prämienrückgewähr*, pp. 77-101. Four articles on assurances with return of premiums as follows:
- KRACKE, H. *Vorbemerkungen*, pp. 77-80. General remarks on assurances with return of premiums.
- GIESE, A. *Zur Technik der Prämienrückgewähr*, pp. 81-90. Shows how the handling of various types of assurances with return of premiums can be simplified by expressing them as linear relations in $A_{x:\overline{n+t}|}$, $t = \dots -1, 0, 1, 2, \dots$
- POTTKER, W. *Die Prämienrückgewähr in Verbindung mit der Kapitalversicherung auf den Todes und Erlebensfall*, pp. 91-96. Premiums and reserves for endowment assurances in which a return of premiums is paid instead of the sum assured on death during an initial period of years. Single life and joint life cases are treated.
- WOLFF, H.-D. *Die Reserve-Berechnung linear steigender Versicherungssummen*, pp. 97-101. An approximate method of calculating reserves of temporary assurances with linearly increasing sums assured. The reserves are approximated by a straight line in the early years, followed by a decreasing exponential curve.