

SENT TO STOR 345

Inventory

Irving W. Burr Papers
1935-1974

Aisle
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STORAGE
(7 Boxes)

Box 1

1. Burr, Irving Wingate. The Abelian Integrals Associated with a Special Algebraic Function. M.S. Thesis, University of Chicago, Dec. 1935.
2. Panizzon, G. Tolerances and their determination. 1971.
3. Burr, I. W., Bray, D. F., & Lyon, D. A. Three Class Attributes Plans in Acceptance Sampling, August 1973.
4. Burr, I. W. Averages. Presented to the Mathematical Assoc. of America, South Bend, Ind., April 10, 1943.
5. Burr, I. W. & Wies, H. M. Simple Capability Acceptance Test. A Sequential Test on Ranges. Nov. 1964
6. Notes, Probability 121s. University of Michigan, Summer 1939
7. Outgrowth of Consulting Work. I. W. Burr 5/16/74.
8. Burr, I. W. Edited manuscript for Engineering Statistics and Quality Control, McGraw-Hill, 1953.
9. McGraw-Hill Course Notes. Thought of Publishing my 10 day Intensive Course Notes Advanced Quality Control, 5/16/74
10. Book and Chap. Outlines
11. Statistical Methods McGraw-Hill Only started 1961. Got swamped editing Industrial Quality Control 1961-1965.
12. A File of mine on Teaching. I. W. Burr 5/16/74
13. Editorial Board
14. Hare Voting System
15. Burr, I. W. The Effect of Non-Normality on Constants for X and R Charts. Industrial Quality Control, May 1967. Research Notes and Draft Paper Enclosed.
16. Burr, I. W. Some Approximate Relations Between Terms of the Hypergeometric, Binomial and Poisson Distributions.
17. Burr, I. W. $2 \cdot 2$ is not 2^2 Published in a H.S. Journal.
18. 'Popular Values. Unpublished Approach, 1956.

19. Burr, I. W. A Useful Approximation to the Normal Distribution Function, with Application to Simulation.
20. Burr, I. W. Control Charts for Measurements with Varying Sample Sizes. Published in Quality Technology, Vol. 1 no. 3, 1969.
21. Burr, I. W. On the Distribution of Range for A General System of Distributions. Published in Journal American Stat. Assn., June 1968.
22. Burr, I. W. & Cislak, P. J. On A General System of Distributions and the Distribution of the Sample Median. Published in Journal American Stat. Assn., June, 1968.
23. Burr, I. W. Engineering Statistics & Quality Control, McGraw-Hill, Correspondence on this book & others proposed.
24. Burr, I. W. Statistical Quality Control Methods, Chap. 1-9, holograph.
25. Burr, I. W. Statistical Quality Control Methods, Chap. 10-15, holograph.
- Box 2
26. Consulting.
27. Sabbatical Research.
28. 1974 Design Engineering Conference, Chicago, Ill.
29. Burr, I. W. Specifying the Desired Distribution Rather than Maximum & Minimum Limits. Presented to American Society for Quality Control, L. A., Calif., May 3, 1965.
Forerunner of sabbatical research '66-'67.
30. Burr, I. W. Gen'l System of Freq. Distr. Distr. of Median and Range on-normal popn.) Published in Journal American Stat. Assn. 6/68.
31. Notes, Statistics Seminar 327, A. J. Craig., University of Michigan, 1938.
32. Notes, Orientation Seminar.
33. Notes, Analytic Projective Geometry.
34. Notes, Statistics 227, A. J. Craig, University of Michigan, Summer 1938.
35. Notes, Statistics 227-8. University of Michigan.
36. Notes taken from Statistical Methods in Engineering, Mathematics 155.
I. W. Burr, Instructor.
37. Notes, Foundations of Mathematics, Math 195, Wilder, 1937
38. Notes, Equations in Infinitely Many Variables, T. H. Hildebrandt, Spring 1941.

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Box 2

Burr, I. W. Applied Statistical Methods, Academic Press 1974.
Holograph and Typed Manuscript.
Two page proofs.

Research material for Intl. Commission on Microbiological Specifications
for Foods.

Ph.D. Thesis Research of I. W. Burr, 1940-1941. University of Michigan.

Box 3

Burr, I. W. A Course in Statistical Methods & Advanced Quality Control.
c. 1960. *page proofs*

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Customer Complaints. A symposium spearheaded by I. W. Burr.

Gary Trip

Quality Control Course Rosters

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Box 4

Burr, Irving W. Engineering Statistics & Quality Control, McGraw-Hill,
1953.
2 page proofs, index cards, holograph manuscript, typewritten manuscript.

IRVING W. BURR

Notebooks, reports, reprints, etc., received October 1981.

NOTEBOOKS

An Advanced Course in Industrial Statistical Methods by Irving W. Burr, Purdue University. Presented at University of California, Los Angeles, Aug 6-17, 1956.

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A Course in Statistical Methods and Advanced Quality Control by Prof. L. W. Burr, Dept of Mathematics, Purdue University (1971?)

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Marchant Methods - 5 Point Lagrangean Interpolation; 7 Place Natural Trigonometric Functions

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Non-parametric Test

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Articles, thesis (?) by G. Bennett, University of New South Wales. Irving Burr to serve as referee for Bennett's application for promotion.

REPORT

Republic Steel Corporation. Chicago District. Metallurgical Report: A Statistical Study of the Relationships Between Percent Hot Metal Charged and Open Hearth Tons Per Hour (1948?)

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Elemental Statistical
Control Dekker 1979

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