

Overview

The collection's primary function is to support research and teaching programs in the area of Statistics based on the research interests of the Department of Statistics and Data Science. In addition the collection supports affiliated researchers in Actuarial Science, Risk Management Science, Quantitative Finance and other interdisciplinary research.

Subject areas supported

Subject areas include:

Quantitative Finance, Risk Management Science and Statistical Science.

Research focus areas include:

Analysis of Incomplete Data, Asymptotic Theory, Bayesian Inference, Categorical Data Analysis, Computational Statistics, Control of Markov Systems, Covariance Structure Models, Decision Theoretic Estimation, Discriminant Analysis, Estimation Theory, Factor Analysis, Linear Models, Medical Image Reconstruction, Nonparametric Analysis, Probability, Quantitative Finance, Reliability, Risk Management, Simultaneous Inference, Statistical Quality Control, Stochastic Calculus, Time Series Analysis

The faculty offers B.Sc., M.Sc., M.Phil., and Ph.D. degrees.

Intellectual Level

Collected in general

- ✓ Basic
- ✓ General Academic
- ✓ Advanced Academic
- ✓ Professional

Levels not collected

- Juvenile
- Popular

Formats collected

Formats and materials acquired, in general, electronic format is preferred.

- Conference proceedings
- Conference Monograph
- Festschriften
- Monographic series
- Periodicals
- Reference works
- Academic monographs
- Biography/Autobiography
- Classroom Anthology
- Collected Works
- Correspondence
- Curriculum Guide
- Field Guide
- Lab Manual
- Periodical Anthology
- Programmed Text
- Revised Dissertation

Formats and materials collected selectively or by request

- Audio-visual material
- Textbooks are generally excluded unless requested by faculty.
- Formats that are not otherwise specified above (such as cartoons, festschriften, ephemera, etc.) will only be considered upon special request on a case-to-case basis.

Languages collected

Materials collected are primarily in English and Chinese.

Materials in other languages will only be considered upon special request on a case-to- case basis.

Chronological and geographical focus

Current materials are emphasized.

Useful Links

Library Subject Guide: http://libguides.lib.cuhk.edu.hk/math_stats

Collection Development Policy: <https://www.lib.cuhk.edu.hk/en/collections/policy/>

Liaison Librarian

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