

William H. Batchelder papers inventory

The inventory was compiled by the donor and reflects the original order of the papers.

Box: accn2019-059 001 (originally “Box 1”)

Early talks (these may include conference announcement/schedules, abstracts, copies of talk handouts, copies of talk overheads, in a few cases correspondence surrounding a particular conference and afterthoughts, comments, notes).

Box: accn2019-059 002 (originally “Box 2”)

Writings/notes on a variety of research topics (early work) with detailed notes showing development/progression of the work, and in some cases meeting and discussion notes. Some lecture/talk notes. Most of the content in this box is categorized by research topic.

The last two folders originally in box accn2019-059 002 were moved into box accn2019-063 001.

Box: accn2019-063 001 (originally “Box 3”)

NSF and other grant materials.

Technical reports:

- Towards a Theory of N-tuple Binds, UCI, Social Sciences, Dec. 1972
- How Associations are Memorized (Greeno, December 1968), U of Michigan.
- Mathematical Learning Theory and the New “Mental Forestry” (Greeno and Bjork, July 1972) U of Michigan
- Conditioning and Discrimination: The all-or-none processes in paired-associate learning (Restle, January 1962) Indiana U
- Likelihood Ratio Comparisons among nested classes of incremental learning models (Leonard and Theios) March 1970. The U of Wisconsin

- A quantitative study of the concept identification and paired-associates learning processes in the Hull paradigm (Polson, 1967) Indiana U.
- A Mathematical Analysis of Multi-Level Verbal Learning (Batchelder, August 1966) Stanford (this tech report is based on his Ph.D. dissertation)

Processor's note: The last two folders originally in box accn2019-063 001 were moved into box accn2019-059 003.

Box: accn2019-059 003 (originally "Box 4")

Material mostly related to UCI school history. Approximate content list:

- Proposal to establish Institute of Mathematical and Behavioral Sciences
- Proposal to start a Statistics Dept at UCI, and related materials.
- 1985 Report by Mathematical Social Science Group (MSSG) to the Rosofsky committee -5 year plan (this is a time before the school had departments)
- Anthropology departmental squabbles (sensitive)
- School of Social Sciences and Department of Cognitive science related material, review, discussions around reviews, how the department is doing, how it should be doing, dean search, etc. office move from SST to SSP
- Orangeback: 1976 list of School of Social Sciences working paper series (cover of tech report with Narens -report is not included here, it was published)
- Various committee materials such as Ad Hoc Committee on Cheating
- A few published limited edition works (Stanford?) by Suppes who was his teacher, and a few annotated journals and one heavily annotated book.
- Xiangen Hu (his most prized student and later collaborator) orals and dissertation and notes to the Multinomial Models Lab Group on the dissertation proposal.
- 1997 election letter to Society of Experimental Psychologists. Society member list.
- Sabbatical stay invite letter from Santa Fe institute 2001 and related
- Early multinomial modeling correspondence

Box: accn2019-059 004 (originally "Box 5")

- research notes
- variety of correspondence over papers in the making (later published)
- correspondence regarding multinomial modeling
- drafts of some more recent published materials with some related correspondence
- Alzheimer Association Grant related research materials, some data collection notes, some preliminary data analysis

- typed copy of his Ph.D. dissertation

Box: accn2019-063 002 (originally “Box 6”)

Folders with post-it notes dated July 1, 2019. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

Conference talk slides, conference handouts (some are undated):

1. New Formal Results for the Multinomial Processing Tree Model Family (EMPG Sept 2000)
2. Representing Ordinal Constraints on Parameters in Multinomial Processing Tree Models (8/12/2000)
3. Cognitive Psychometrics: Cognitive Models as Measurement Tools
4. Properties of Multinomial Processing Tree Models (Osaka July 2001)
5. Order-constrained Inference Using Reparameterized Models (Tilburg, July 2005)
6. Multinomial Processing Tree Models of Cognition (9/30/1998)
7. Modeling Subject and Item Differences in Multinomial Processing Tree Models
8. Detecting and Modeling Heterogeneities in Categorical Data (03/03/2008)
9. Multinomial Models for Social Information Processing (January 29, 2005)
10. Learning Theory: History, Formalisms, and Perennial Issues (abstract and slides)
11. Evolving Dominance Hierarchies from Pairwise Contests Among Equally Endowed Players (May 29-June 1, 2008; North America Mathematical Sociology Conference)
12. Cultural Consensus Theory: Application to Social Networks
13. Cultural Consensus Theory: Aggregating Expert Judgments About Ties in a Social Network (2009)
14. Multinomial Models of Factorial Categorization Experiments
15. Symposium on Cognitive Psychometrics
16. Cognitive and Psychometric Modeling: Converging Similarities Despite Divergent Origins (April 11, 2008)
17. Tracking Dynamic Competence Ratings in Two-Person Games (abstract) 2001, IMBS Colloquium
18. Metacognitive Guessing Strategies in Source Monitoring
19. What if Model Selection Becomes the Metric for Scientific Acceptance? July 31, 2004
20. Cognitive Psychometrics: Combining Two Psychological Traditions (Oct. 20, 2008)
21. Test Theory without An Answer Key: New Results Based on Markov-Chain Monte Carlo Estimation (Karabatsos & Batchelder, August 12, 2000)
22. Doubling Down on the Double High Threshold Model (Jan 23, 2012)
23. Modeling Free Recall Order Data
24. A String Language for Multinomial Processing Tree Models (7/29/2011)
25. Developing Discarded Learning and Memory Models into Useful Measurement Tools
26. On the Evolution of Dynamic Paired-Comparison Systems

27. Evolving Dominance Hierarchies and Naming Conventions (December 2013) IMBS conference schedule and talk abstract, talk slides
28. The Evolution of Naming Conventions on Networks: A Formal Exploration (Gosti dissertation draft)
29. Evolving Dominance Hierarchies From Pairwise Contests Among Equally Endowed Players (11/23/2013)
30. SEP Annual Meeting 2014 Abstracts

Folders with post-it notes dated July 9, 2019. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. A Rating System for Team Competition (undated talk with draft notes on the model) and a talk handout on Paired-Comparison System with ELO chess ratings
2. A cultural consensus model for aggregating continuous responses in a finite interval. Paper with Alex Strashny (his Ph.D.) and Kim Romney. File contains all work over email while working on the revision of this paper. Some of it out of sequence.
3. Misspecification and the Application of Finite Mixture Modeling. Paper with Jared Smith (Bill's Ph.D.). File contains correspondence while they work on the paper.
4. Overheads and notes on A Recursive Definition of Binary MPT.
5. Wiley Interdisciplinary Reviews: Cognitive Science —Invited article titled Mathematical Psychology (correspondence and final text). 2009
6. Note by Estes on Mathematical Psychology (2002), and notes on Batchelder's course on Mathematical Psychology
7. Extensive Thoughts on one paper: Finite mixture distribution models for simple discrimination learning (2001). Notes (strongly opinionated) are undated, presumably generated after publication ca.2001
8. William Estes tribute: tributes and reminiscences written by members of Society of Experimental Psychologists. Bill knew Estes (who was one of the pioneers in Mathematical Models of learning and memory) going back to the time when he was a high school student in Bloomington and Estes was a professor at IU there. Bill talks about this in his note (page marked).

Folders with post-it notes dated July 17. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Ryozo Yoshino 1992 letter (Bill's PhD) Yoshino is currently a Professor and Director of The Institute of Statistical Mathematics in Japan. Bill was a guest speaker there a few times.
2. NSF grant materials with Riefer and Romney, placed in box#3
3. Some overheads from Riefer & Batchelder (Further Statistical Analysis of a Multihomial Model for Storage and Retrieval, dated summer 1989)
4. Some Source Monitoring Overheads
5. Overheads for Laguna Society of Experimental Psychologists conference, 1998 (Measuring Consensus Beliefs about Social Ties —application of CCT)

6. Consensus: Brussels, Keynote Sept. 15, 1987. International Conference Mathematical Models in Human Sciences. Handout to Accompany: Test Theory without an Answer KEY
7. Talk at UCSD 18th Annual Math Psych meetings. August 30, 1985. Talk handout. Some overheads
8. Probabilistic Measurement Models of Cognition: The Case of the Fuzzy Logic Model of Perception (FLMP) Sept. 19, 1994
9. 1994-1995 work with Court Crowther (Bill's Ph.D.) on Investigating Processing Dependencies in Speech Perception with General Processing Tree Models. Comments on paper (draft), notes, correspondence. Abstract for a talk at Acoustical Society of Am. Abstract/handout/talk overhead copy for talk Bill gave at Oldenburg, Germany (March 31, 1995) on this topic. Massaro paper review/critique.
10. Further notes, overheads on FLMP work. (the folder is dated 1997)
11. A few pages of working notes to Kim on Consensus (folder dated 2000)
12. Consensus: 1984 talk handout (unknown location) Consensus Analysis I: A Mathematical Model of Individual Competence and Knowledge Aggregation (June 26, 1984)
13. Consensus working notes: Questions about use of optimal scoring (undated)
14. Further working notes on Consensus (Nov.25, 1987)
15. Bibliography of Theory and Applications in Consensus Analysis (a very early list)
16. Consensus applications in Social Networks. Some overheads. Some data matrices. Borgatti Consensus software -commercial- (later on, Bill found a mistake in the way this software was estimating consensus parameters and stopped using it). John Boyd software (only for personal use) used for estimating consensus parameters and answer key for social network data (paper published in JMP)
17. UCLA talk announcement and handout (probably late 70s early 80s) titled A critical Examination of the Analysis of dichotomous data.
18. Work with Gosti Giorgio (his PhD). Handwritten notes. 2013

Folders with post-it notes dated July 18. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Work with Stephen France. He was a former student of Douglas Carroll (a giant in the field of Multidimensional Scaling) whom we knew well, personally and academically. Doug spent a sabbatical here and I worked with him as his research assistant, published with him and Kim Romney. France was a visitor (on sabbatical from Wisconsin) at UCI Cog Sci Dept in Spring 2012

This folder includes:

- Correspondence while Bill and Stephen worked on two papers and their publication related to/expanding on Consensus Analysis, several other projects (list of which is included here) along with software for CCT

- Draft of the paper with edit notes: A Maximum Likelihood Item Difficulty Model for Consensus Analysis. (draft title). Paper published as: A Maximum Likelihood Item Easiness Model for Test Theory Without an Answer Key
- List of current projects
- Description for Software for Continuous CCT
- Manuscript for Unsupervised Consensus Analysis for On-line Review and Questionnaire Data

2. CCT Rank DATA ideas (4/12/2016 —possibly talk slides). Typed Notes dated 10/09/2015. Ideas for a CCT Likert Scale Model (undated 2-page printed notes)

3. Alzheimer's Association Grant titled Developing Culturally Appropriate Screening Tools for Dementia: Project description, UCI HRB protocol narrative, questionnaire used to collect cross-cultural data 2003

4. Modeling Free Recall Order Data. 2007 Mathematical Psychology Meetings in Irvine. Talk slides.

5. Department of Cognitive Sciences BS degree in Cognitive Sciences (proposal draft) undated.

Notes, drafts, derivations, early partial draft with outline of paper with James Negen developing an extension of a Thurstonian model for paired comparison data. For Bill, this is revisiting his earlier work on Chess Ratings. This folder includes a very early (1977) UCI Social Sciences working paper (these were referred to as "orangebacks") with Neil Bershad which was published in 1979. This topic was extremely close to his heart because it combined two areas he was passionate about: chess and modeling. The folder also includes:

- Notes on Negan-Batchelder PCS Draw Model (09/06/2010)
- Quadrivariate Thurstonian Model
- Latest Rating Scheme (further ideas)
- Match Between two players (11/30/2010)
- Four pages of typed notes titled Match between two players. Dated 2/15/2011
- Sequential Estimation Theory. Looks like copies of overheads from some talk or lecture.
- Derivations on white lined paper. Total of 9 pages with a typed page included within the sequence. Dated 03/02/2011 and 03/05/2011
- Derivations/notes on yellow lined paper. Total 8 pages. Some parts of this seems to be a tighter rewriting of the notes on the white lined paper. (same date as the white paper)
- One page yellow lined notes with a citation
- Six sets of yellow-lined multiple page derivations/notes (most are dated)

Folders with post-it notes dated July 19. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Draft and comments on the draft of Modeling Scalar Variability in Numeric Estimations written with James Negen
2. Naming on a Directed Graph (paper with Giorgio Gosti -one of Bill's Ph.D.s) email Reply to submitted draft copy by Brian Skyrms including a draft titled Emergence of a Signaling Network with "Probe and Adjust." Abstract and talk handout (based on Gosti&Batchelder) at Math Psych 2011
3. Chess Rating. Dominance Hierarchies. Several talk overheads. Some seem to be out of sequence, probably because some slides were pulled from sets to be used for other talks. Hard copy print of one set for a particular talk. Hard copy (partial?) of another talk with overheads included here. This work is with Alex Strashny (Bill's Ph.D.) (date on folder 11/14/2008)
4. Colloquium talk at Santa Fe Institute (April 26, 2001). Tracking Dynamic Competence Ratings in Two-Person Games (hard copy of talk overheads)
5. Printout of Talk slides (with Alex Strashny). Evolving Dominance Hierarchies from Pairwise Contests among Equally Endowed Players. undated.
6. Some notes and derivations 7/17/2003 and 10/8/2003
7. Round Robin simulations
8. Another version of a talk in #3 above with some changes and notes (hard copy printout of overheads)
9. **Learning Theory/Advanced Learning Theory** courses teaching materials From approx 1976 to 1991. I kept the folder exactly as he had it. Glanced through. There are syllabi, study questions, lecture notes, exams, some reading material. Looks like deep time material. **Learning** was his core area of research (and his Ph.D. work) at Stanford.
10. Society of Math Psych meetings 1999 TALK overhead prints. Predicting Response Time Phenomena in Binary Choice from Luce's Choice Theory (with Bethany Knapp, his Ph.D.) Three pages of notes (one handwritten) found in the same folder.
11. Work leading up to #10 above (and paper later). Derivations and notes, most are dated. Abstract for the talk in #10 with corrections. Three-page paper on the talk (A process model for the Bradley-Terry-Luce model 12/1/99)
12. Some MPT work with Xiangen Hu dated 2006-2007. Paper drafts, comments on drafts, talk slides, email correspondence.

The last two folders originally in box accn2019-063 002 were moved into box accn2019-063 003.

Box accn2019-063 003 (originally "Box 7")

Folders with post-it notes dated July 22. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. UCI Tarow Indow Conference July 22-28, 1993: Geometric Representations of Perceptual Phenomena (conference schedule, letter from D.Luce to participants regarding publication schedule for volume for Indow, Bill's talk handout, 2-page outline for his chapter in the Indow Volume) Tarow Indow was a Professor at Cog Sci, an expert in human visual system, semantic memory, and spatial models.
2. Representing Sociometric Data in Coomb's Unfolding Framework (4/24/1993). Talk overheads and handout (attached last page). This item might have been included in the earlier inventory.
3. Multidimensional Unfolding Representations of Sociometric Data (2/12/1993). Talk overheads (print) and handout (attached last page). This item might have been included in the earlier inventory.
4. On yellow lined paper (mostly). Extensive notes, formulations, derivations, definitions, thoughts on the "unfolding" research and the work generated in the run up to the two conference talks (above). [Note: Unfolding is a scaling technique of representing discrete data in Euclidean Space]
5. Batch-Kumbasar unfolding talks. abstracts, Overheads, extensive notes, formulations, derivations. There might be some duplication with earlier (at least the copy of the overheads might have been in the earlier boxes but the notes that go with this research are here. 1993

Folders with post-it notes dated July 24. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Print of talk slides (10/24/2011). Cultural Consensus Theory: Detecting Experts and their Shared Knowledge
2. Print of talk slides in 2 parts (5/8/2014) Multinomial Processing Tree Model. Bill Batchelder's Session on Cognitive Psychometrics.
3. Print of talk slides (5/7/2013). A String Language for Multinomial Processing Tree Models (with Purdy and Hu, both his Ph.D.s)
4. A Rating System for Team Competition. undated. Incomplete thoughts on paper while working on this topic. This is connected with the work on Dominance Hierarchies.
5. Talk slides (print) tribute to Duncan Luce. Facets of Duncan Luce's Research Career (2/13/2013)
6. Annotated draft, notes, email correspondence on a paper with Greg Alexander (his last Ph.D.). A statistical Development and Comparison of Two Useful Recognition Memory Models (01/07/2014)
7. Annotated drafts, notes on Multinomial Processing Tree (MPT) Models for Contingency Tables by Yuan, Hu, Batchelder (01/07/2011). Printed talk slides Multinomial Processing Tree (MPT) models analysis for quasi-independence contingency tables.
8. Matching model derivations. Work with Mark Steyvers (UCI). Working notes, some email correspondence (May-October 2009)

9. Annotated draft, notes, correspondence with Xiangen Hu on their paper: Closure Property of MPT Models (late 2008-July 2009)
10. Early Draft: More Results About GPT Models -A Discussion on the Structure of GPT Models
11. Extensive working notes — NSF Research for Riefer Batchelder 1992
12. Talk overheads, handouts, notes, thoughts on Meaningful Aggregation Rules in Social Measurement. 1992. Duncan's note. The questions surrounding the issue of aggregating individual data preoccupied his work throughout and were always in the background in both the CCT and the MPT work.
13. Gains in Accuracy from Averaging Ratings (issue related to #12 above), hand written derivations/notes (photocopy)

Folders with post-it notes dated July 30. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Hand written notes, derivations, printed talk handout, print of talk overheads on the following work: Multinomial Processing Tree Models of Factorial Categorization (with Court Crowther, his Ph.D.); An Identifiable Multinomial Model for Integrating Acoustic Voicing Cues (Crowther and Hu, both his Ph.D.s); Investigating Processing Dependencies in Speech Perception with General Processing Tree Models (with Crowther); Independence of Feature Decisions in Speech Perception (Crowther, Nittrouer, Batchelder). 1998-2000
2. Printed set of talk slides for two separate talks (though there are overlaps) with Jared Smith. Bayesian Inference and Multinomial Processing Tree (MPT) Models; Modeling subject and Item Differences in Multinomial Processing Tree Models; undated. Correspondence related to this work. —23rd workshop on Item Response Theory (2007) list of participants, Bill's hand written notes on talks, his correspondence with Gunter Maris (one of the participants), and hand written notes on Maris' presentation, A Psychometric Model for Chess Ratings
3. Copy of handwritten notes starting with " The Goal is to formalize...." Looks like a detailed thought outline for a paper. Dated 6/24/2005
4. Research materials with Royce Anders (his Ph.D.) (2008-2010) Correspondence and working notes on Judgment and Ranking in Ballroom Competition [interesting note: Royce was a competitive ballroom dancer/teacher and a professional ballet. After finishing his Ph.D. at UCI, he got a post-doc in Marseilles, France and while doing his postdoc continued as a professional dancer with a ballet company there]
5. Working notes, derivations, outline, review, correspondence with James Negen on Modeling Chess Ratings (paired comparison system model, home-court advantage) 2010

Folders with post-it notes dated September 1. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Mentored project: Honors/UROP student John Dondurand. Exploring the Testing Effect (2009)
2. Mentored project with Honors student Greg Alexander (who later became his Ph.D. student, the last one). Picture Recognition Memory Model. Hand written notes, derivations, tree models, analysis, email correspondence with Ewart Thomas of Stanford (2010), some results presentation
3. Measuring Consensus Beliefs about Social Ties. Printout of talk slides. March 29, 1998, Society of Experimental Psychologists 94th Annual Meeting, Laguna Beach. Program copy.
4. A Statistical Model for Constructing a Consensus Digraph from Conflicting Information Sources. Print of talk slides. July 8, 1995 (most likely presented at the Math Psych meetings?)
5. A statistical Model for Constructing Consensus Digraphs. Single page Talk handout. Print of talk slides. August 1994 (Math Psych?)
6. Meaningful Aggregation Talks. Overheads. Printed copies 1992-1993 (could be some duplicates with the slides). This was a topic he spent a lot of time working throughout leading to more sophisticated CCT models in the end.
7. Consensus Analysis of Krackhardt Data (i.e. 3-way social network data). Printed talk slides Feb 18, 1994 (most likely presented at the Social Networks Meetings). Consensus Analysis of Three-way Social Network Data. May 4, 1995 Colloquium announcement/abstract at University of Groningen, the Netherlands.
8. Papers dating back to Stanford years. Class Paper (?) for William Estes, prepared with Joe Young, 1963. Outcome Frequency Learning (with David Rumelhart) undated. Response bias in P.A.L. (paired associate learning) with D. Rumelhart, 1966 (handwritten date). Letter to Rumelhart (dated January 8, 1968) with Response Bias paper attached.
9. A Midterm-Exam from Stanford dated November 2, 1962. Gordon Bower's Advance Learning class. All about the rats!

Folders with post-it notes dated September 2. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Several talk overheads on Fuzzy logic (FLMP -Fuzzy Logic Model of Perception) and how models in this area can be shown to be "nested". Talk abstract given in Oldenburg, Germany on FLMP. He used to compose talks on the same subject around the same time frame by using some overheads multiple times. So, these are not necessarily in a logical order but they are were in the same folder and are on the same topic.
2. Multinomial Modeling talks (early 1990s). Printouts of overheads (some duplicates are included here because some copies look in poorer shape than others). Talk handouts consisting of talk overheads (this was standard practice for him).

3. School of Social Sciences, IMBS, and Cog Sci related material 1986-1997. Outside committee reports, memos, response(s) to report(s), FTE stuff, etc. A few of this material (e.g. the Rosovsky Committee report) might have been included in the earlier boxes.
4. Materials related to the 1995 Math Psych Conference and Symposium honoring Duncan Luce organized by UCI and run by Bill.
5. His CV as of September 1995.
6. Memos related to Sabbatical leave 1995
7. In-house venting by Doug White (Anthro and Social Networks program ca 1995) —interesting material.
8. Several talks on Tulving-Wiseman Function and problems with it. Overheads (not in sequence), Printouts of overheads, talk handouts. There might be duplication between some overheads and printouts. 1995.
9. Folder marked “Hu-Batch.Late 80s”. Heavy notes/work/derivations showing early development of multinomial processing tree models with Xiangen. Some data printout. Kept the folder intact.
10. Paper given at Math Psych meetings at Stanford, 1968 with Polson as first author.
11. Printed copy of pictures from gathering for David Rumelhart October 1999. (This might have been at the time when he was diagnosed with Pick’s disease and later became disabled living with his brother at the end of this life.) Rumelhart was a pioneer in math psych making substantive contributions to formal understanding of human cognition using PDP (Parallel Distributed Processing) models and other approaches. He and Bill were roommates at Stanford.

Folders with post-it notes dated September 5. Numbers correspond to folders that were numbered with post-it notes while the donor was compiling the inventory.

1. Air Force Grant materials: Research proposal, some emails, talks given in two locations reporting on the research (CCT models). Extended Notes/critique on a particular Bayesian paper.
2. Materials for and about Dynamic Models of Cultural Diversity Workshop at ASU (February 2011). Notes, emails, derivations, abstract, presentation slides.
3. Some notes on Source Monitoring 2007
4. Three vintage tech reports. 1962 (Estes, Indiana University), 1966 (Rapaport et al., Michigan) and 1986 (Watt, UCI)
5. Prospectus for Cognitive Psychometrics (dated 11/01/2012) This might have been written to describe his lab’s work and/or for a grant proposal. It summarizes his lab’s work well.
6. Removed——
7. Ideas/suggestions for Falmagne Chair Cog Sci (12/12/2013). Later on Bill also championed Jeff Rouder for one of the chairs and Rouder was hired last year. Overall though, this process turned into a long running saga, politically fraught with personal meddling by Falmagne to the point of fracturing some relationships in the department (including the chair). This list is interesting because two people he names, A. Diedrich

and Hans Colonius (they are husband and wife), were apparently brought up individually during the two-year IMBS directorship search (2017-2019) and were shot down (from the Dean's office) in most unfortunate circumstances.

8. Recommendation letter for Xiangen Hu, his most prized student and colleague.
12/08/2013
9. Invitation as "expert guest" to a Network meeting on hierarchical MPT modeling in Germany -various locations- (sept 22, 2017). — Due to illness and treatment schedules he never made it.
10. Multinomial Processing Tree Models: Recent Formal Results and New Application Areas. IMBS talk 2010. Printout of talk of slides
11. A Longtime Interest in Dealing with Individual Differences in Cognitive Modeling. Talk given at UCLA. July 13, 2018. His last talk.
12. Modeling Social Network Data 07/27/1993. Will need to check further to see where this talk was given. (Note: There is some possibility that this material was already included in one of the earlier boxes.)

Processor's note: The last eleven folders originally in box accn2019-063 003 were moved into box accn2019-063 004.

Box accn2019-063 004 (originally "Box 8")

Award from Central China Normal University
Merit increase letter

Courses:

1. Stochastic Processes
2. Mathematical Models of Cognitive Processes (Mathematical Psychology)
3. Human Problem Solving
4. History of Psychology

Materials include (to a varying degree for each of the courses listed above):

Hand written lecture notes, overheads, print copies of slides (ppt), homework, homework solutions, study problems, exams, exam solutions.

Human Problem Solving has material collected over the years (he was working on a book) from a variety of sources, mostly problems of certain types. The booklet AHA is included because he has markings in the book corresponding to his teaching plan.

This box does not have any of the recent teaching material that's in digital files (except for Human Problem Solving).

Processor's note: The Human Problem Solving folders were moved from accn2019-063 004 to accn2019-063 005 (6 folders).

Box accn2019-063 005 (originally "Box 9, My Chess Games")

- Selected Games from the Milwaukee Chess Championships 1959. Limited Edition. No. 119
- A Selection of Games from the 60th United States Open Chess Championship Omaha, Nebraska. 1959. Limited Edition. No. 89
- The Early Chess Games of William Batchelder by Richard Glass, 2004
- Tournament official score sheets (vast majority are dated, a few are in poor condition, some have faded ink)
- One paperback score book with tournament games
- One small black leather binder contains his high school era championship games (1956-1959). The pages in the binder are all numbered. A few loose pages are not numbered. All are dated with event and opponent names.
- Folder:
 - Presentation to UCI Chess Club (03/03/2012)
 - Solution to Yochanan Afek commissioned endgame problem for his 75th birthday (presented as framed poster)
 - His entry in the Chessbase

Two oversized posters

1. International Conference in Honor of Fechner: Developments in Psychophysical Theory, June 1987. Bonn. Speakers are listed.
2. 75th Birthday presentation poster. Commissioned endgame study. Solution to this is in the folder in the Chess box.