

15/14/41

Liberal Arts and Sciences
Mathematics Department
Kenneth Appel Papers, 1971-2004

Box 1:

CORRESPONDENCE

Koch, John, including letter of recommendation (1975-1976)
Steen, Lynn, letter (1978)
Gries, David; Karp, Richard Alan, proof checking (1977)
Correspondence (1979-1982)
Mayer, Jean (1975-1976)
Letters of recommendation (1978-)
Requests for reprints and copies of programs
Flanagan, Scientific American (1977)
Journal Articles (1976-1977)
Bernhart (1975)
Steen with my revisions (1977)
Allaire, Frank
Klee, Victor (1976)
Talks invitations (1977)
Flanagan, Dennis; Graber, James; Steen, Lynn (1976-1977)
Requests and proofs (1976-1977)
General correspondence (1976-1977)
Graber and Moore 1963, 1977
Letter to editor of Journal of Combinatorial Theory (B) (1977)
General Correspondence II (1977-1978)
Requests for reprints II
Computing Services Office Newsletter: Off-Line
General correspondence III (1976-1977)
Letters to and from journal editors (1977)
Mayer, J. (1976)
Bernhart, Frank (1976)
Allaire, Frank (1975)
Tymoczko, Thomas (1978)
Referee reports from JPCM Essay and essay draft (1977)
Received manuscripts
Cohen, Daniel I.A. and Feferman, Solomon 1976
Appel to Department of Mathematics Executive Committee, 1989

RESEARCH MATERIAL

Four Color seminar notes (1971)
Paper with Haken, Mathematics Today (1977-1978)
Paper with Haken and Jean Mayer, Journal of Combinatorial Theory (April-August, 1979)

Research notebook
Paper with Haken, 'An Unavoidable Set of Configurations in Planar Triangulations',
draft with accompanying figures
Lecture notes (1975)
Paper with Haken, 'Every Planar Map is Four Colorable', draft
A simplified explanation of an approach to the Four Color Conjecture draft
Lecture notes 1971
Received manuscripts
Lecture slides
Reprint of Illinois Journal of Mathematics, 1977
Four Color Theorem Configurations and Discharging Material (2 folders)

Box 2:

RESEARCH MATERIAL

Four Color Theorem Configurations and Discharging Material (2 folders)
6-digit Subcases (2 folders)
K. Durre, H. Heesch, F. Mieke, 1977
Four Color Theorem Proof Contributions, 1976, 1994, 2004
The Existence of Unavoidable Sets of Geographically Good Configurations, 1976 (3
folders)
Configuration Lists notebook
French draft - 'Preuve of theorem a l'aide d'un... ensemble'
French draft - 'Triangulations...'
Lectures on 4-Color Theorem notes
Written commentary on reducible configurations
Four color theorem research notes
'On the Conjugacy Problem for Knot Groups' paper (1974)
Mathematics
A.M.S - Every Planar Map, 1987
A.M.S - Appel + H, 1988-89
Errata De: Probleme Des Quatre Couleurs un Contre-Exemple Doit Avoir Au Moins
96 Sommet
C and D Reducibilities, Draft
List of Books included in Appel Papers

PUBLICITY

New York Times article (1976)
Draft of formal announcement
General Publicity
Publicity from University of Illinois (1978)
Publicity (1977)
Four Color Clippings, 1976
JCPM Essay Project, 1976

Box 3-10: Computer Punch Cards

Box 11: Computer Printouts, Program HOT, 1972

Box 12: Computer Printouts, 1972

Box 13: Classified Reducible Configurations with Some Geographically Good Irreducible Configs, 1974-75

Box 14-17: Computer Printouts

Box 18:

Computer Printouts (10 folders)
Reductions 1 (8 folders)

Box 19: Reductions 3

Box 20: Reductions 4

Box 21: Reductions 5

Box 22: Reductions 6