

Fritz Rothberger

Inclusive years: 1945-1967	Record history available: Yes	Digital copies available: Yes	Finding aid created: October 2011
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Tags: Acadia University, Department of Mathematics, Acadia University Faculty, Fritz Rothberger (1902-2000), Paul Erdos (1913-1996), Waclaw Sierpinski (1882-1969), Correspondence, Personal Papers, Theorems

Papers		6 folders	
Item	Title	Year(s)	Description
2011.007-RTH/1	Incoming Correspondence	1945-1958	Includes correspondence from Paul Erdos concerning other European mathematicians, family members, and from Waclaw Sierpinski concerning publications, specifically:
Inside this file			Letter from W. Sierpinski (1947)
			Letter from P. Erdos (1945)
			Letter from Lord Beveridge (1958)
			Letter from P. Erdos (1946)
2011.007-RTH/2	Outgoing Correspondence	1946-1967	Includes correspondence to Paul Erdos concerning publications, to Waclaw Sierpinski concerning publications, and personal life, specifically:
Inside this file			Letter from Rothberger (1947)
			Letter to Father Faught (1967)
			Letter to P. Erdos (1946)
			Letter to P. Erdos (1946)
			Letter to W. Sierpinski (1946)
			Letter to Fundamenta Mathematicae (1946)
			Letter to Fundamenta Mathematicae (1947)

Papers		6 folders	
Item	Title	Year(s)	Description
2011.007-RTH/3	Working Notes	19-?	Includes formulas and notes, specifically:
Inside this file			Memorandum (19-?) on Queen's University Letterhead
			8 part Rough Work (19-?)
			Rough Work 3 (19-?)
			4 page Rough Work (19-?)
			3 page Rough Work (19-?)
			7 page Rough Work (19-?)
2011.007-RTH/4	Drafts of Papers & theorems	194-?, 1946-1960	Specifically:
Inside this file	On Property C and a problem of Hausdorff (19-?)		Item is an English version of the paper "Eine Verschärfung der Eigenschaft C", which was published in <i>Fundamenta Mathematicae</i> , 1938. See folder 2011.006-RTH/6 for off print
	On the negation of the continuum hypothesis (19-?)		
	Resume: Construction effective d'un ensemble non-projectif (1956)		Item may be a summary of the paper "Exemple effectif d'un ensemble transfiniment non-projectif", which was published in the <i>Canadian Journal of Mathematics</i> , 1958. See folder 2011.006-RTH/6 for off print
	Let F be a family of dyadic functions (1946)		item may be a working draft of article "A remark on the existence of a denumerable base for a family of function", which was published in the <i>Canadian Journal of Mathematics</i> , 1952. See folder 2011.007-RTH/6 for off print
	Proof of Theorem I, II, and III (1946)		
	A remark on the existence of a denumerable base for a family of dyadic functions (19-?)		

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Item	Title	Year(s)	Description
	Part of Proof (19-?)		
	Proof of Theorem 2 (19-?)		
	O. Nikodym's Problem (19-?)		
	Letter to Lamberk (1960)		
2011.007-RTH/5	Canadian Mathematical Congress Summer Seminar and High School Teachers Conference at Dalhousie University, Halifax, Nova Scotia	1951	Image includes Fritz Rothberger
2011.007-RTH/6	Off Prints	1934-1967	
Inside this file	"Eine Homöomorphiebedingung für orientierbare Mannigfaltigkeiten von drei Dimensionen." (1934)		Rothberger, Fritz, pages 353-357 (2 copies)
	"Eine Verschärfung der Eigenschaft C." (1938)		Rothberger, Fritz. "Eine Verschärfung der Eigenschaft C." <i>Fundamenta Mathematicae</i> 30 (1938): 50-55.
	"Sur en ensemble toujours de première catégorie qui est dépourvu de la propriété λ ." (1939)		Rothberger, Fritz. "Sur en ensemble toujours de première catégorie qui est dépourvu de la propriété λ ." <i>Fundamenta Mathematicae</i> 32 (1939): 294-300.
	"On some problems of Hausdorff and of Sierpinski." (1948)		Rothberger, Fritz. "On some problems of Hausdorff and of Sierpinski." <i>Fundamenta Mathematicae</i> 35 (1948): 29-46.
	"Eine Äquivalenz zwischen der Kontinuumhypothese und der Existenz der Lusinschen und Sierpinskischen Mengen." (1938)		Rothberger, Fritz. "Eine Äquivalenz zwischen der Kontinuumhypothese und der Existenz der Lusinschen und Sierpinskischen Mengen." <i>Fundamenta Mathematicae</i> 30 [1938]: 215-217.

Papers		6 folders	
Item	Title	Year(s)	Description
	"Une remarque concernant l'hypothèse du continu." (19-?)		Rothberger, Fritz. "Une remarque concernant l'hypothèse du continu." <i>Fundamenta Mathematicae</i> 31 [19-?]: 224-226.
	"A Remark on the Existence of a Denumerable Base for a Family of Functions." (1952)		Rothberger, Fritz. "A Remark on the Existence of a Denumerable Base for a Family of Functions." <i>Canadian Journal of Mathematics</i> 4, no. 1 (1952): 117-119
	"On the Property C and a Problem of Hausdorff." (1952)		Rothberger, Fritz. "On the Property C and a Problem of Hausdorff." <i>Canadian Journal of Mathematics</i> 4, no. 1 (1952): 111-116.
	"Exemple Effectif d'un Ensemble Transfiniment Non-Projectif." (1958)		Rothberger, Fritz. "Exemple Effectif d'un Ensemble Transfiniment Non-Projectif." <i>Canadian Journal of Mathematics</i> 10 (1958): 554-560.
	"On Conformal Mapping Problem of Stoilow and of Wolibner." (1967)		Rothberger, Fritz. "On Conformal Mapping Problem of Stoilow and of Wolibner." <i>Colloquium Mathematicum</i> 17 (1967): 61-69.
	"Sur les Familles Indénombrables de Suites de Nombres Naturels et les Problèmes Concernant la Propriété C." (1941)		Rothberger, Fritz. "Sur les Familles Indénombrables de Suites de Nombres Naturels et les Problèmes Concernant la Propriété C." <i>Proceedings of the Cambridge Philosophical Society</i> 37, no. 2 (April 1941): 109-126.
	"On Families of Real Functions with a Denumerable Base." (1944)		Rothberger, Fritz. "On Families of Real Functions with a Denumerable Base." <i>Annals of Mathematics</i> 45, no. 3 (July 1944): 397-406.

Notes:

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See also:

The Library's catalogue for publications by or about Fritz Rothberger.

Short articles about Fritz Rothberger in the Acadia Bulletin, issues July 1943 (p. 29) and February 1947 (p.6-7). Both articles are available digitally.

Constance Hayward file 1982.002/2/2/5 for mention of Rothberger leaving Europe.