

References

Czech Books and Lecture Notes

L. BOČEK

[Boč] *Tenzorový počet*, SNTL Praha, 1976.

I. ČERNÝ AND J. MAŘÍK

[ČMI] *Integrální počet I*, lecture notes, SPN Praha 1960.[ČMII] *Integrální počet II*, lecture notes, SPN Praha 1961.

S. FUČÍK AND J. MILOTA

[FM] *Matematická analýza II. Diferenciální počet funkcí více proměnných*, lecture notes, SPN Praha 1975.

O. KOWALSKI

[Kow] *Základy matematické analýzy na varietách*, lecture notes, UK Praha 1975.

J. KRÁL, I. NETUKA AND J. VESELÝ

[KNV] *Teorie potenciálu III*, lecture notes, SPN Praha 1976.

L. KRUMP, V. SOUČEK AND J. A. TĚŠÍNSKÝ

[KST] *Matematická analýza na varietách*, Karolinum, Praha 1998.

J. KUČERA AND Š. SCHWABIK

[KS] *Integrální transformace*, lecture notes, SPN Praha 1969.

J. LUKEŠ

[L-Př] *Příklady z matematické analýzy I. Příklady k teorii Lebesgueova integrálu*, lecture notes, SPN Praha 1968 (1972, 1984).[L-T] *Teorie míry a integrálu I*, lecture notes, SPN Praha 1972 (1974, 1980).[Zap] *Zápisky z funkcionální analýzy*, Karolinum, Praha 1998 (2002, 2003, 2012).[Uvod] *Úvod do funkcionální analýzy*, Karolinum, Praha 2005 (2011).

J. LUKEŠ ET AL.

[Pr] *Problémy z matematické analýzy*, lecture notes, SPN Praha 1972 (1974, 1977, 1982).

J. LUKEŠ AND J. MALÝ

[LM] *Míra a integrál*, lecture notes, Univerzita Karlova, Praha 1993.

S. MARCUS

[Mar] *Matematická analýza čtená podruhé*, Academia Praha 1976.

I. NETUKA AND J. VESELÝ

[NV] *Příklady z matematické analýzy. Míra a integrál*, lecture notes, UK Praha 1982.

W. RUDIN

[Ru] *Analýza v reálném a komplexním oboru*, Academia Praha 1977.

R. SIKORSKI

[Sik] *Diferenciální a integrální počet. Funkce více proměnných*, Academia Praha 1973.

J. STARÁ AND O. JOHN

[SJ] *Funkcionální analýza. Nelineární úlohy*, lecture notes, SPN Praha 1986.

Other books

C.D. ALIPRANTIS AND O. BURKINSHAW

[*1981] *Principles of real analysis*, North-Holland.

E. ASPLUND AND L. BUNGART

[*1966] *A first course in integration*, Holt, Reinhart and Winston.

- G. BACHMAN
[*1964] *Elements of abstract harmonic analysis*, Academic Press.
- S. BANACH
[*1932] *Théorie des opérations linéaires*, Warszawa.
- R.G. BARTLE
[*1966] *The elements of integration*, Wiley.
- H. BAUER
[*1990] *Maß- und Integrationstheorie*, Walter de Gruyter.
- E. BEHRENDTS
[*1987] *Maß- und Integrationstheorie*, Springer-Verlag.
- S.K. BERBERIAN
[*1965] *Measure and integration*, Macmillan.
- M. BERGER AND B. GOSTIAUX
[*1988] *Differential geometry: Manifolds, Curves, and Surfaces*, Springer-Verlag.
- K.P.S. BHASKARA RAO AND M. BHASKARA RAO
[*1983] *Theory of charges*, Academic Press.
- P. BILLINGSLEY
[*1968] *Convergence of probability measures*, John Wiley 1968, Russian translation 1977.
[*1979] *Probability and measure*, Wiley.
- E. BOREL
[*1898] *Leçons sur la théorie des fonctions*, Gauthier-Villars, Paris.
- T.A. BOTTS AND E.J. MCSHANE
[*1959] *Real Analysis*, Van Nostrand.
- N. BOURBAKI
[*1952] *Intégration*, Herman et Cie, Paris 1952, 2nd edition 1965.
- A.M. BRUCKNER
[*1978] *Differentiation of real functions*, Springer-Verlag.
- C. CARATHÉODORY
[*1918] *Vorlesungen über reelle Funktionen*, Teubner Leipzig 1918, 2nd edition 1927, 3rd edition Chelsea 1948.
- A.L. CAUCHY
[*1821] *Cours d'analyse de l'École Royale Polytechnique*, Paris.
- G. CHOQUET
[*1969] *Lectures on analysis, Vol. I*, W.A. Benjamin.
- D.L. COHN
[*1980] *Measure theory*, Birkhäuser.
- C. CONSTANTINESCU, K. WEBER AND A. SONTAG
[*1985] *Integration theory, Vol. 1: Measure and integral*, John Wiley & Sons.
- M. DAVIS
[*1977] *Applied nonstandard analysis*, Wiley-Interscience.
- K. DEIMLING
[*1985] *Nonlinear functional analysis*, Springer-Verlag.
- J. DIESTEL AND J.J. UHL
[*1977] *Vector measures*, AMS.

- J.L. DOOB
[*1994] *Measure theory*, Springer-Verlag.
- P. DRÁBEK AND J. MILOTA
[*2004] *Lectures on Nonlinear Analysis*, Vydavatelský servis, Plzeň.
- R.M. DUDLEY
[*1989] *Real analysis and probability*, Wadsworth&Brooks/Cole.
- G.A. EDGAR
[*1990] *Measure, topology, and fractal geometry*, Springer-Verlag.
- L.C. EVANS AND R.F. GARIEPY
[*1992] *Measure theory and fine properties of functions*, CRC Press, Boca Raton.
- K.J. FALCONER
[*1985] *The geometry of fractal sets*, Cambridge University Press, Cambridge.
- H. FEDERER
[*1969] *Geometric measure theory*, Springer-Verlag. (Second edition Springer 1996).
- W.H. FLEMING
[*1965] *Functions of several variables*, Addison-Wesley.
- K. FLORET
[*1981] *Maß- und Integrationstheorie*, B.G. Teubner-Verlag, Stuttgart.
- G.B. FOLLAND
[*1984] *Real analysis*, John Wiley.
[*1995] *A course in abstract harmonic analysis*, CRC Press.
- I. FONSECA AND W. GANGBO
[*1995] *Degree theory in analysis and applications.*, The Clarendon Press, Oxford University Press, New York.
- J. FORAN
[*1991] *Fundamentals of real analysis*, Marcel Dekker.
- J. B. F. FOURIER
[*1822] *Théorie analytique de la chaleur*, F. Didot, Paris.
- D.H. FREMLIN
[*1974] *Topological Riesz spaces and measure*, Cambridge University Press.
- S. FUČÍK, J. NEČAS, J. SOUČEK AND V. SOUČEK
[*1973] *Spectral analysis of nonlinear operators*, Lecture Notes in Math. 346, Springer-Verlag 1973.
- R. F. GARIEPY AND W. P. ZIEMER
[*1995] *Modern Real Analysis*, PWS Publishing Company, Boston.
- R.A. GORDON
[*1994] *The integrals of Lebesgue, Denjoy, Perron, and Henstock*, American Mathematical Society, Graduate studies in mathematics, vol. 4.
- M. DE GUZMÁN
[*1975] *Differentiation of integrals in \mathbf{R}^n* , Lecture Notes in Math. 481, Springer-Verlag.
- H. HAHN
[*1921] *Theorie der reellen Funktionen, "I. Band"*, Julius Springer, Berlin.
- H. HAHN AND A. ROSENTHAL
[*1948] *Set functions*, Univ. New Mexico Press.

P.R. HALMOS

[*1950] *Measure theory*, Van Nostrand 1950, 1966, Springer 1974.

T. HAWKINS

[*1970] *Lebesgue's theory of integration (Its origins and development)*, Wisconsin Press.

R. HENSTOCK

[*1988] *Lectures on the theory of integration*, World Scientific Publishing, Singapore.

[*1991] *The general theory of integration*, Clarendon Press, Oxford.

E. HEWITT AND K.A. ROSS

[*1963] *Abstract harmonic analysis I*, Academic Press 1963 (Russian translation 1975).

[*1970] *Abstract harmonic analysis II*, Academic Press 1970 (Russian translation 1975).

E. HEWITT AND K. STROMBERG

[*1965] *Real and abstract analysis*, Springer Verlag.

K. HOFFMAN

[*1975] *Analysis in Euclidean spaces*, Prentice-Hall Inc.

J. HORVÁTH

[*1966] *Topological vector spaces and distributions I*, Addison Wesley.

K. JACOBS

[*1978] *Measure and integral*, Academic Press.

A.N. KOLMOGOROV

[*1933] *Grundbegriffe der Wahrscheinlichkeitsrechnung [Foundations of the theory of probability]*, Springer-Verlag 1933, Chelsea 1950.

J. KURZWEIL

[*1980] *Nichtabsolut konvergente Integrale*, B.S.B.G. Teubner, Leipzig.

S. LANG

[*1993] *Real and functional analysis*, Springer-Verlag (3rd edition).

H.L. LEBESGUE

[*1904] *Leçons sur l'intégration et la recherche des fonctions primitives*, Paris, 2nd edition 1928.

PENG YEE LEE

[*1989] *Lanzhou lectures on Henstock integration*, World Scientific Publishing Co..

S. ŁOJASIEWICZ

[*1988] *An introduction to the theory of real functions*, John Wiley & Sons.

J. LUKEŠ, J. MALÝ AND L. ZAJÍČEK

[*1986] *Fine topology methods in real analysis and potential theory*, Lecture Notes in Math. 1189, Springer-Verlag.

J. LÜTZEN

[*1982] *The prehistory of the theory of distributions*, Springer-Verlag.

N.N. LUZIN

[*1915] *Integral i trigonometričeskie rjady*, Moskva 1915, 2nd edition 1950.

P. MATTILA

[*1986] *Lecture notes on geometric measure theory*, Universidad de Extremadura.

[*1995] *Geometry of sets and measures in Euclidean spaces. Fractals and rectifiability*, Cambridge University Press, Cambridge.

J. MAWHIN

[*1992] *Analyse (Fondaments, techniques, évolution)*, DeBoeck Université, Bruxelles.

- J. MIKUSIŃSKI
[*1978] *The Bochner integral*, Birkhäuser.
- H. MINKOWSKI
[*1907] *Diophantische Approximationen*, Teubner, Leipzig.
- L. MIŠÍK
[*1989] *Funkcionálna analýza*, Alfa.
- F. MORAN
[*1988] *Geometric measure theory*, Academic Press.
- A. MUKHERJEA AND K. POTHOVEN
[*1986] *Real and functional analysis, Part A and B*, Plenum Press.
- M.E. MUNROE
[*1971] *Measure and integration*, Addison-Wesley.
- L. NACHBIN
[*1965] *The Haar integral*, Van Nostrand.
- T. NEUBRUNN AND B. RIEČAN
[*1981] *Miera a integrál*, Veda.
- J.C. OXTOBY
[*1971] *Measure and category*, Springer-Verlag 1971, 1980, Moskva 1974.
- K.R. PARTHASARATHY
[*1978] *Introduction to probability and measure*, Springer-Verlag.
- G.K. PEDERSEN
[*1989] *Analysis now*, Springer-Verlag.
- W.F. PFEFFER
[*1977] *Integrals and measures*, Marcel Dekker, New York.
- M.M. RAO
[*1987] *Measure theory and integration*, John Wiley & Sons. (Second revised edition Marcel Dekker, Inc., New York, 2004).
- B. RIEČAN AND T. NEUBRUNN
[*1992] *Téoria miery*, Veda.
- C.A. ROGERS
[*1970] *Hausdorff measures*, Cambridge University Press.
- A.C.M. VAN ROOIJ AND W.H. SCHIKHOF
[*1982] *A second course on real functions*, Cambridge University Press.
- W. RUDIN
[*1974] *Real and complex analysis*, McGraw-Hill (2nd ed.).
- H.L. ROYDEN
[*1968] *Real analysis*, Macmillan.
- S. SAKS
[*1937] *Theory of the integral*, Stechert 1937.
- Š. SCHWABIK
[*1992] *Generalized ordinary differential equations*, World Scientific, Singapore.
- Š. SCHWABIK AND GUOJU YE
[*2005] *Topics in Banach space integration.*, World Scientific Publishing Co. Pte. Ltd., Hackensack.

J.T. SCHWARTZ

[*1969] *Nonlinear functional analysis*, Gordon and Breach, New York.

I. SEGAL AND R.A. KUNZE

[*1968] *Integrals and operators*, McGraw-Hill.

L. SIMON

[*1983] *Lectures on geometric measure theory*, Proc. of the Centre for mathematical analysis, Australian National University, vol.3.

K.T. SMITH

[*1983] *Primer on modern analysis*, Springer-Verlag.

K. STROMBERG

[*1984] *An introduction to classical real analysis*, Wadsworth International.

M. ŠVEC, T. ŠALÁT AND T. NEUBRUNN

[*1987] *Matematická analýza funkcí reálné proměnné*, Alfa.

A.E. TAYLOR

[*1965] *General theory of functions and integration*, Blaisdell.

F. TOPSØE

[*1970] *Topology and measure*, Lecture Notes in Math. 133, Springer-Verlag.

A. TORCHINSKY

[*1988] *Real variables*, Addison-Wesley.

G. VITALI

[*1905] *Sul problema della misura dei gruppi di punti di una retta*, Bologna.

S. WAGON

[*1985] *The Banach-Tarski paradox*, Cambridge University Press.

A. WEIL

[*1940] *L'Intégration dans les Groupes Topologiques et ses Applications*, Hermann et Cie, Paris 1940, 2nd edition 1965.

A.J. WEIR

[*1973] *Lebesgue integration and measure*, Cambridge University Press.

R.L. WHEEDEN AND A. ZYGMUND

[*1977] *Measure and integral*, Marcel Dekker.

H. WIDOM

[*1969] *Lectures on measure and integration*, Van Nostrand.

J.H. WILLIAMSON

[*1962] *Lebesgue integration*, Holt, Rinehart and Winston.

A.C. ZAAANEN

[*1967] *Integration*, North Holland.

Papers

S. BANACH

[1922] *Sur les opérations dans les ensembles abstraits et leurs applications aux équations intégrales*, Fund. Math. **3**, 133-181.

[1923] *Sur le problème de la mesure*, Fund. Math. **4**, 7-33.

[1924] *Sur un théorème de M. Vitali*, Fund. Math. **5**, 130-136.

[1925] *Sur les lignes rectifiables et les surfaces dont l'aire est finie*, Fund. Math. **7**, 225-237.

S. BANACH AND A. TARSKI

- [1924] *Sur la décomposition des ensembles de points en parties respectivement congruentes*, Fund. Math. **6**, 244-277.

H. BAUER

- [1957] *Sur l'équivalence des théories de l'intégration selon N. Bourbaki et selon M.H. Stone*, Bull. Soc. math. France **85**, 51-75.

A.S. BEZIKOVITCH

- [1945] *A general form of the covering principle and relative differentiation of additive functions*, Proc. Cambridge Philos. Soc. **41**, 103-110.
 [1946] *A general form of the covering principle and relative differentiation of additive functions*, Proc. Cambridge Philos. Soc. **42**, 1-10.

S. BOCHNER

- [1933] *Integration von Funktionen deren Werte die Elemente eines Vectorraumes sind*, Fund. Math. **20**, 262-276.

E. BOREL

- [1895] *Sur quelques points de la théorie des fonctions*, Ann. Ecole Normale Sup. **12**, 9-55.

G.E. BREDON

- [1963] *A new treatment of the Haar integral*, Michigan Math. J. **10**, 365-373.

C. CARATHÉODORY

- [1914] *Über das lineare Mass von Punktmengen eine Verallgemeinerung des Längenbegriffs*, Nach. Ges. Wiss. Göttingen, 404-426.

H. CARTAN

- [1940] *Sur la mesure de Haar*, C. R. Acad. Sci. Paris **211**, 759-762.

I. CHITESCU

- [1990] *A parametrical example of Dunford, Pettis and Bochner integration*, Stud. Cerc. Mat. **42**, 405-418.

G. CHOQUET

- [1986] *La naissance de la théorie des capacités: réflexion sur une expérience personnelle*, La Vie des Sciences, Comptes rendus, sér. générale **3,4**, 385-397.
 [1989] *Vznik teorie kapacit: zamyšlení nad vlastní zkušeností*, Pokroky matematiky, fyziky a astronomie **34**, 71-83.

P.J. DANIELL

- [1918] *A general form of integral*, Ann. of Math. **19**, 279-284.

R. DOSS

- [1980] *The Hahn decomposition theorem*, Proc. Amer. Math. Soc. **80**, 377.

N. DUNFORD

- [1935] *Integration in general analysis*, Trans. Amer. Math. Soc. **37**, 441-453.

D. EGOROV

- [1911] *Sur les suites de fonctions mesurables*, C. R. Acad. Sci. Paris **152**, 244-246.
 [1936] *Integration and linear operation*, Trans. Amer. Math. Soc. **40**, 474-494.

G. FABER

- [1910] *Über stetige Funktionen. II*, Math. Annalen **69**, 372-433.

P.J.L. FATOU

- [1906] *Séries trigonométriques et séries de Taylor*, Acta Math. **30**, 335-400.

M.B. FELDMAN

- [1981] *A proof of Lusin's theorem*, Amer. Math. Monthly **88**, 191-192.

E. FISCHER

[1907] *Sur la convergence en moyenne*, Comptes Rendus Acad. Sci. Paris **144**, 1022-1024.

M. FOREMAN AND F. WEHRUNG

[1991] *The Hahn-Banach theorem implies the existence of a non Lebesgue-measurable set*, Fund. Math. **138**, 13-19.

M. FRÉCHET

[1915] *Sur l'intégrale d'une fonctionnelle étendue à un ensemble abstrait*, Bull. Soc. Math. France **43**, 248-265.[1924] *Des familles et fonctions additives d'ensembles abstraits*, Fund. Math. **5**, 206-251.

G. FUBINI

[1907] *Sugli integrali multipli*, Rendiconti Accad. Nazionale dei Lincei (Roma) **16**, 608-614.[1915] *Sulla derivazione per serie*, Rendiconti Accad. Nazionale dei Lincei (Roma) **24**, 204-206.

I.M. GEL'FAND

[1936] *Sur un lemme de la théorie des espaces linéaires*, Comm. Ins. Sci. Math. Méc. Univ. de Kharkov et Soc. Mat. Kharkov **13**, 35-40.

H.H. GOLDSTINE

[1941] *Linear functionals and integrals in abstract spaces*, Bull. Amer. Math. Soc. **47**, 615-620.

L.M. GRAVES

[1927] *Riemann integration and Taylor's theorem in general analysis*, Trans. Amer. Math. Soc. **29**, 163-177.

A. HAAR

[1933] *Der Maßbegriff in der Theorie der kontinuierlichen Gruppen*, Ann. of Math. **34**, 147-169.

H. HAHN

[1933] *Über die multiplikation total-additiver Mengenfunktionen*, Annali Scuola Norm. Sup. Pisa **2**, 429-452.

O. HÁJEK

[1957] *Note sur la mesurabilité B de la dérivée supérieure*, Fund. Math. **44**, 238-240.

D.G. HARTIG

[1983] *The Riesz representation theorem revisited*, Amer. Math. Monthly **90**, 277-280.

F. HAUSDORFF

[1919] *Dimension und äusseres Mass*, Math. Ann. **79**, 157-179.

R. HENSTOCK

[1961] *Definitions of Riemann type of the variational integrals*, Proc. London Math. Soc. **13,3**, 305-321.[1988] *A short history of integration theory*, SEA Bull. Math. **12**, 75-95.

T.H. HILDEBRANDT

[1953] *Integration in abstract spaces*, Bull. Amer. Math. Soc. **59**, 111-139.

O. HÖLDER

[1889] *Über einen Mittelwerthssatz*, Nachr. Akad. Wiss. Göttingen Math.-Phys., 38-47.

J. HORVÁTH

[1970] *An introduction to distributions*, Amer. Math. Monthly **77**, 227-240.

C. JORDAN

[1881] *Sur la série de Fourier*, Comptes Rendus Acad. Sci. Paris **92**, 228-230.

S. KAKUTANI

- [1941] *Concrete representation of abstract (M)-spaces*, Annals of Math. **42**, 994-1024.
 [1948] *A proof of the uniqueness of Haar's measure*, Ann. Math. **49**, 225-226.

S. KAKUTANI AND J.C. OXTOBY

- [1950] *Construction of a non-separable invariant extension of the Lebesgue measure space*, Annals of Math. **52**, 580-590.

M.D. KIRSZBRAUN

- [1934] *Über die zusammenziehenden und Lipschitzchen Transformationen*, Fund. Math. **22**, 77-108.

A. KOLMOGOROV

- [1932] *Beiträge zur Masstheorie*, Math. Ann. **107**, 351-366.

J. KRÁL

- [1985] *Note on generalized multiple Perron integral*, Čas. Pěst. Mat. **110**, 371-374.

J. KURZWEIL

- [1957] *Generalized ordinary differential equations and continuous dependence on a parameter*, Czechoslovak Math. J. **82**, 418-446.

H. LEBESGUE

- [1901] *Sur une généralisation de l'intégrale définie*, Comptes Rendus Acad. Sci. Paris **132**, 1025-1028.
 [1902] *Intégrale, longueur, aire*, Annali Mat. Pura Appl. **7**, 231-359.
 [1903] *Sur une propriété des fonctions*, Comptes Rendus Acad. Sci. Paris **137**, 1228-1230.
 [1910] *Sur l'intégration des fonctions discontinues*, Ann. Sci. Ecole Norm. Sup. **27**, 361-450.

B. LEVI

- [1906] *Sopra l'integrazione delle serie*, Rend. Istituto Lombardo di Sci. e Lett. **39**, 775-780.

A. LJAPUNOV

- [1940] *Sur les fonctions-vecteurs complètement additives*, Bull. Acad. Sci. URSS **6**, 465-478.

N.N. LUZIN

- [1912] *Sur les propriétés des fonctions mesurables*, C. R. Acad. Sci. Paris **154**, 1688-1690.

J. MAŘÍK

- [1952] *Základy theorie integrálu v Euklidových prostorech*, Časopis Pěst. Mat. **77**, 1-51, 125-145, 267-301.

E.J. MCSHANE

- [1934] *Extension of range of functions*, Bull. Amer. Math. Soc. **40**, 837-842.

F.A. MEDVEDEV

- [1975] *The work of Henri Lebesgue on the theory of functions (on the occasion of his centenary) Transl. from Uspechi Mat. Nauk, 30(1975), 227-238*, Russian Math. Surveys **30**, 179-191.

F. MIGNOT

- [1976] *Côntrole dans les inéquations variationnelles elliptiques*, J. Functional Analysis **22**, 130-185.

G.J. MINTY

- [1970] *On the extension of Lipschitz, Lipschitz-Hölder continuous and monotone functions*, Bull. Amer. Math. Soc. **76**, 334-339.

A.P. MORSE

- [1939] *The behaviour of a function on its critical set*, Ann. of Math. **40**, 62-70.
 [1947] *Perfect blankets*, Trans. Amer. Math. Soc. **6**, 418-442.

A. NEKVINDA AND L. ZAJÍČEK

[1988] *A simple proof of the Rademacher theorem*, Časopis Pěst. Mat. **113**, 337-341.

J. VON NEUMANN

[1934] *Zum Haarschen Maß in topologischen Gruppen*, Compositio Math. **1**, 106-114.

[1936] *The uniqueness of Haar's measure*, Matem. sbornik **43**, 721-734.

O. NIKODYM

[1930] *Sur une généralisation des intégrales de M.J. Radon*, Fund. Math. **15**, 131-179.

O. PERRON

[1914] *Über den Integralbegriff*, Sitzungsber. Heidelberg Akad. Wiss. **A16**, 1-16.

F. PETER AND H. WEYL

[1927] *Die Vollständigkeit der primitiven Darstellungen einer geschlossenen kontinuierlichen Gruppe*, Math. Ann. **97**, 737-755.

B.J. PETTIS

[1938] *On integration in vector spaces*, Trans. Amer. Math. Soc. **44**, 277-304.

M. PLANCHEREL

[1910] *Contributions à l'étude de la représentation d'une fonction arbitraire par des intégrales définies*, Rend. Circ. mat. Palermo **30**, 289-335.

H. RADEMACHER

[1919] *Über partielle und totale Differenzierbarkeit*, Math. Ann. **89**, 340-359.

J. RADON

[1913] *Theorie und Anwendungen der absolut additiv Mengenfunktionen*, S.-B. Math. Natur. Kl. Kais. Akad. Wiss. Wien **122.IIa**, 1295-1438.

F. RIESZ

[1906] *Sur les ensembles de fonctions*, Comptes Rendus Acad. Sci. Paris **143**, 738-741.

[1909a] *Sur les suites de fonctions mesurables*, Comptes Rendus Acad. Sci. Paris **148**, 1303-1305.

[1909b] *Sur les opérations fonctionnelles linéaires*, Comptes Rendus Acad. Sci. Paris **149**, 974-977.

[1910] *Untersuchungen über Systeme integrierbarer Funktionen*, Math. Annalen **69**, 449-497.

[1912] *Sur quelques points de la théorie des fonctions sommables*, Comptes Rendus Acad. Sci. Paris **154**, 641-643.

[1920] *Sur l'intégrale de Lebesgue*, Acta Math. **42**, 191-205.

[1930-32] *Sur l'existence de la dérivée des fonctions monotones et sur quelques problèmes qui s'y rattachent*, Acta Sci. Math. Szeged **5**, 208-221.

L.J. ROGERS

[1888] *An extension of a certain theorem in inequalities*, Messenger of Math. **17**, 145-150.

S. SAKS

[1938] *Integration in abstract metric spaces*, Duke Math. J. **4**, 408-411.

A. SARD

[1942] *The measure of the critical set values of differentiable mappings*, Bull. Amer. Math. Soc. **48**, 883-890.

J. SCHWARTZ

[1951] *A note on the space L_p^** , Proc. Amer. Math. Soc. **2**, 270-275.

L. SCHWARTZ

[1948] *Thorie des distributions et transformation de Fourier (French)*, Ann. Univ. Grenoble. Sect. Sci. Math. Phys. (N.S.) **23**, 7-24.

I.E. SEGAL

[1954] *Equivalence of measure spaces*, Am. J. Math. **73**, 275-313.

W. SIERPIŃSKI

[1928] *Un théorème général sur les familles d'ensembles*, Fund. Math. **12**, 206-210.

L. S. SOBOLEV

[1936] *Méthode nouvelle à résoudre le problème de Cauchy pour les équations hyperboliques normales*, Mat. Sb. **1 (43)**, 39-71.

L. S. Sobolev

Méthode nouvelle à résoudre le problème de Cauchy pour les équations hyperboliques normales

Mat. Sb. 1 (43) (1936), 39 – 71

R.M. SOLOVAY

[1970] *A model of set theory in which every set of reals is Lebesgue measurable*, Annals of Math. **92**, 1-56.

H. STEINHAUS

[1919] *Additive und stetige Funktionaloperationen*, Math. Z. **5**, 186-221.

M.H. STONE

[1948] *Notes on integration I - III*, Proc. Nat. Acad. Sci. **34**, 336-342, 447-455, 483-490.

[1949] *Notes on integration IV*, Proc. Nat. Acad. Sci. **35**, 50-58.

R. THOMAS

[1985] *A combinatorial construction of a nonmeasurable set*, Amer. Math. Monthly **92**, 421-422.

L. TONELLI

[1909] *Sull'integrazione per parti*, Rendiconti Accad. Nazionale dei Lincei **18**, 246-253.

E.B. VAN VLECK

[1908] *On non-measurable sets of points with an example*, Trans. Amer. Math. Soc. **9**, 237-244.

N. WIENER

[1922] *Limit in terms of continuous transformation*, Bull. Soc. Math. France **50**, 119-134.

[1939] *The ergodic theorem*, Duke Math. J. **1-18**.

C.G. YOUNG AND W.H. YOUNG

[1911] *On the existence of a differential coefficient*, Proc. London Math. Soc. **9**, 325-335.

W.H. YOUNG

[1904] *On upper and lower integration*, Proc. London Math. Soc. **2**, 52-66.

L. ZAJÍČEK

[1983] *On differentiation of metric projections in finite dimensional Banach spaces*, Czech. Math. J. **33,3**, 325-336.