# References

## Czech Books and Lecture Notes

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

I. ČERNÝ AND J. MAŘÍK
[ČM I]    *Integrální počet I*, lecture notes, SPN Praha 1960.
[ČM II]   *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).
[Uvod]    *Úvod do funkcionální analýzy*, Karolinum, Praha 2005.

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*, Warszava.

R.G. Bartle
[*1966]    *The elements of integration*, Wiley.

H. Bauer
[*1990]    *Maß- und Integrationstheorie*, Walter de Gruyter.

E. Behrends
[*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. LOJASIEWICZ
[*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., Hack-
           ensack.

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 reálnej premennej*, 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 punta 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. Zaanen
[*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 theorème 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 func-
          tions*, Proc. Cambridge Philos. Soc. **41**, 103-110.

[1946]    *A general form of the covering principle and relative differentiation of additive func-
          tions*, 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 Punktmengeneine 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 personelle*, 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 zussammenziehenden 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 param-
          eter*, 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]    *Integrale, longuer, aire*, Annali Mat. Pura Appl. **7**, 231-359.
[1903]    *Sur une propriétè 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. Instituto 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 cen-
          tenary) Transl. from Uspechi Mat. Nauk, 30(1975), 227-238*, Russian Math.Surveys
          **30**, 179-191.

F. Mignot

[1976]    *Côntrole dans les inéquations variationelles 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 kontinuier-
          lichen 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 arbitrire par des intgrales
          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. Nat-
          ur. 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 integrirbarer 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. Greno-
          ble. 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.