

BIBLIOGRAPHY

Agrawal S.R. and Kantawala P.S.

1. On The Nörlund summability of orthogonal series.
Annales Societatis Mathematicae Polnae :
Series 1 : Commentationes Mathematicae XXVI
(1986) Roczniki Polskiego Towarzystwa Matematycznego,
Seria 1, Prace Matematyczne XXVI (1986) (To appear)

Alexits G.

2. Sur la sommabilité de séries orthogonales,
Acta Math.Acad. Sci, Hungar., 4(1953), 181-188.
3. Une contribution à la théorie constructive des
fonctions, Acta Sci.Math. (Szeged), 19(1958), 149-157.
4. Convergence problems of orthogonal series,
Pergamon Press, Oxford, 1961.

Alexits G. and Kralik D.

5. Über Approximation mit den arithmethischen Mitteln
allgemeiner Orthogonalreihen, Acta Math.Acad. Sci.
Hungar., 11(1960), 387-399.
6. Über den Annäherungsgrad der Approximation im starken
Sinne von stetigen Funktionen, Magyar Tud. Akad. Mat.
Kutató Int. Közl., 8 (1963), 317-327 (1964).
7. Über die Approximation mit starken de la Vallée
Poussinschen Mitteln, Acta Math. Acad. Sci. Hungar.
16(1965), 43-49.

8. Über die Approximation im starken sinne, Acta Sci. Math.
(Szeged), 26(1965), 93-101..

Alexits G. and Leindler L.

9. Über die Approximation im starken sinne, Acta Math.
Acad. Sci. Hungar., 16 (1965), 27-32.

Alexits G. and Sharma A.

10. The influence of Lebesgue functions on the convergence
and summability of function series, Acta Sci. Math.
(Szeged), 33 (1972), 1-10.

Bary N.K.

11. A treatise on trigonometric series, Vol.I,
Pergamon Press, Oxford, 1964.
12. A treatise on trigonometric series, Vol.II,
Pergamon Press, Oxford, 1964.



~~Bernstein~~ S.

13. Sur l'ordre de la meilleure approximation des
fonctions continues par des polynômes de degré donné.
Memoire Acad. Roy. Belgique., (2) 4 (1912), 1-104.

Bhatnagar. S.C.

14. On convergence and summability of orthogonal series.
Ph.D. Thesis, University of Indore, 1973.

Bolgov V.A. and Efimov A.V.

15. On the rate of summability of orthogonal series,
Izv. Akad. Nauk. SSSR. Ser. Mat., 35 (1971), 6, 1399-1417.

Cesàro E.

16. Sur la multiplication des series, Bull. des. Sci.
14, (1890), 114-120.

Chapman S.

17. On nonintegral orders of summability of series and integrals, Proc. London Math. Soc., 9 (1910), 369-409.

Das G.

18. Discontinuous Riesz means, Math. Student, 34 (1966),
153-162.

Fine N.J.

19. On the Walsh functions, Trans. Amer. Math. Soc., 65
(1949), 372-414.

Fischer E.

20. Sur la convergence en moyenne, Comptes Rendus Acad. Sci. Paris, 144 (1907), 1022-1024 and 1148-1150.

Fomin G.A.

21. A certain generalization of the Riesz Fischer theorem, Mat. Zametki, 12 (1972), 365-372. Also Math. Notes.,
12 (1972), 651-655 (1973)

Freud G.

22. Orthogonal polynomials, Pergamon Press, 1971.

Gram J.P.

23. Über die Entwicklung reeler Funktionen in Reihen
mittels der Methode der Klei³¹sten Quadrate, Journal f.
reine u. angew. Math., 94 (1883), 41-73.

Hardy G.H.

24. Divergent series, Clearendon Press, Oxford, 1973.

Hobson E.W.

25. On the convergence of series of orthogonal functions,
Proc. London Math. Soc., (2) 12 (1913), 297-308.

Jerosch F. and Weyl H.

26. Über die Konvergenz von Reihen die nach periodischen
Funktionen fortschreiten, Math. Annalen., 66 (1909),
67-80.

Kaczmarz S.

27. Über die Summierbarkeit der Orthogonalreihen,
Math. Zeit., 26 (1927), 99-105.
28. Sur la convergence et la sommabilité des développements
orthogonaux, Studia Math., (1929), 87-121.
29. Notes on orthogonal series 1, Studia Math., 5 (1935),
24-28.

Kantawala P.S.

30. A note on order of the $(C, 1)$ -mean of general orthogonal
series, Journal of the M.S. University of Baroda,
Vol. XXXI-XXXII, No.3 (To appear).

Kantorovitch L.

31. Some theorems on the almost everywhere convergence,
Dokl. Akad. Nauk. SSSR. 14 (1937), 537-540.

Knopp K.

32. Grenzwerte von Reihen bei der Annäherung an die Konvergenzgrenze, Dissertation, Berlin, 1907.
33. Multiplication divergenten Reihen, Sitzungsberichte der Berliner Mathematische Gesellschaft. (Jahrgang), Vol 7 (1907), 1-12.

Kolmogoroff A.

34. Une contribution a l'étude de la convergence des séries de Fourier, Fund Math, 5 (1924), 96-97.

Kolmogoroff A. and Seliverstov G.

35. Sur la convergence des séries de Fourier, Comptes Rendus Acad. Sci. Paris, 178 (1925), 303-305.
36. Sur la convergence des series de Fourier, Rendiconti R. Acad. Lincei., 3 (1926), 307-310.

Lebesgue H.

37. Sur les integrales singulieres, Annales de Toulouse, 1 (1909), 25-117.

Leindler L.

38. Über die de la Vallée-Poussinschen Mittel allgemeiner. Orthogonalreihen, Publ.Math.Debrecen., 10 (1963), 274-282.
39. Über die Riesz'schen Mittel allgemeiner Orthogonalreihen, Acta Sci. Math., 24 (1963), 129-138.

- 40 Über approximation mit orthogonalreihen mitteln unter structurellen Bedingungen, Acta Math. Acad. Sci. Hungar., 14 (1964), 57-62.
- 41. Über die punktweise Konvergenz von Summationverfahren allgemeiner Orthogonalreihen. On Approximation Theory (Proceeding of the Conference in Obervolfach, 1964), 239-244.
- 42. On strong approximation of orthogonal series, Acta Sci. Math., 32 (1971), 41-50.

Lorentz G.

- 43. Riesz methods of summation and orthogonal series, Trans. Roy. Soc. Canada Sec III, (3) 45 (1951), 19-32.

Maddox I.J.

- 44 A note on orthonormal series, Rend. Circ. Mat. Palermo, (2) 16 (1967), 363-368.

Meder J.

- 45. On the estimation of Cesàro means of orthogonal series, Ann. Polon. Math., 4 (1957-58), 183-200.
- 46. On the summability almost everywhere of orthogonal series by the method of Euler-Knopp, Ann. Polon. Math., 5(1958), 135-148.
- 47. On the summability almost everywhere of orthogonal series by method of first logarithmic means. Rozprawy Matematyczne Polska Akad. Nauk. Institut. Matematyczne, 17 (1959), 1-34.

- 48. On the Nörlund summability of orthogonal series,
Ann. Polon. Math. XII (1963), 231-256.
- 49. Further results concerning the Nörlund summability of
orthogonal series. Ann. Polon. Math. XVI, (1965), 237-265.

Menchoff D.

- 50. Sur les séries de fonctions orthogonales I,
Fund. Math., 4 (1923), 82-105.
- 51. Sur la sommation des series orthogonales, Comptes
Rendus Acad. Sci. Paris, 180 (1925), 2011-2013.
- 52. Sur les séries de fonctions orthogonales II,
Fund. Math., 8 (1926) 56-108.

Moricz F.

- 53. A note on the strong T-summation of orthogonal series,
Acta Sci. Math. 30 (1969), 69-76.
- 54. On the order of magnitude of Lebesgue functions for
strongly multiplicative system, Acta Math. Acad. Sci.
Hungar. 20 (1969), 421-430.
- 55. The order of magnitude of the Lebesgue functions and
summability of function series, Acta Sci. Math. (Szeged),
34 (1973), 289-296.

Olevskii A.M.

- 56. Fourier series and Lebesgue functions.
Uspehi Mat. Nauk. 22 (1967), No.3 (135), 237-239.

57. The order of the growth of the Lebesgue functions of bounded orthonormal systems, Dokl. Akad. Nauk. SSSR., 176 (1967) 1247-1250.

Osilenker B.P.

58. The summability of the polynomial Fourier expansions of functions of classes $L^p_{\mu}(x)$ ($p \geq 1$). Dokl. Akad. Nauk. SSSR., 202 (1972), 529-531.

Patel C.M.

59. On convergence and summability of orthogonal series. Ph.D. Thesis. University of Indore, 1966.

60. On a connection between Riesz and Euler means of orthogonal series, Vikram Math. J., (1) I (1966), 47-52.

Patel C.M. and Sapre A.R.

61. Lebesgue functions and summability of orthogonal series. Journal of the M.S. University of Baroda, XIX (1970), No.3, Vol.XX, (1971), No.3, 23-27.

Patel, R.K.

62. Convergence and summability of orthogonal series, Ph.D. Thesis, M.S. University of Baroda, 1975.

Patel R.K. and Patel C.M.

63. On the generalized Nörlund summability of orthogonal series. The Journal of the M.S. University of Baroda, Vol.XXII (1973), No.3, Vol.XXIII(1974), No.3, 109-112.

Peyerimhoff A.

64. Lectures on summability, Lecture Notes in Mathematics, Vol.107, Springer-Verlag, 1969.

Plancherel M.

65. Sätze über Systeme beschränkter Orthogonal funktionen,
Math. Annalen, 68 (1910), 270-278.

Plessner A.

66. Über Konvergenz von trigonometrischen Reihen,
Journal f. reine. u. angew. Math., 155 (1926), 15-25.

Rademacher H.

67. Einige Sätze über Reihen von allgemeinen orthogonal funktionen, Math. Annalen, 87 (1922), 112-138.

Ratajski H.

68. Estimate for Lebesgue functions of some polynomial like orthonormal system, Bull. Acad. Polon. Sci. Ser. Sci. Math. Astronom Phys., 14 (1966), 377-380.
69. An estimate for the Lebesgue $(C,1)$ -functions of some polynomial-like system, Prace Mat. 11 (1967), 141-144.

Riesz F.

70. Sur les systems orthogonaux de fonctions, Comptes Rendus. Acad. Sci. Paris, 144 (1907), 615-619 and 734-736.

Salem R.

71. Essais sur les séries trigonometriques. (Paris, 1940).

Sapre A.R.

72. On the Euler means of orthogonal series. Vijnana Parishad Anusandhan Patrika 13(4), (1970) 169-173.

73. Convergence and summability of orthogonal series.

Ph.D. Thesis, University of Indore, 1971.

Sapre A.R. and Bhatnagar S.C.

74. On the Euler summability of lacunary orthogonal series.

Vijnana Parishad Anusandhan Patrika, 16 (1973), 203-206.

Schmidt E.

75. Entwicklung willkürlicher Funktionen nach systems

Vorgeschriebener, Dissertation (Göttingen, 1905). also

Math. Annalen, 63 (1907) 433-476.

Sunouchi G.

76. On the strong summability of orthogonal series,

Proc. Imp. Acad. Tokyo, 20 (1944), 251-256.

77. On the Riesz summability of Fourier Series.

Tohoku Math. J., (2) 11 (1959), 321-326.

78. On strong summability of orthogonal series,

Acta Sci. Math., 27 (1966), 71-76.

79. Strong approximation by Fourier series and orthogonal series, Indian J. Math. 9 (1967) 237-246.

Sun Yong-Sheng.

80. Strong $(C,1)$ -summation of series in orthogonal

functions, Shuxue Jinzhan, 9 (1966), 281-286.

Talalyan A.A.

81. On the convergence of orthogonal series, Dokl. Akad.

Nauk, SSSR., 110 (1956), 515-516.

Tandori K.

82. Über die Cesàrosche Summierbarkeit der Orthogonale Reihen, Acta Sci. Math., 14 (1951/52), 85-95.
83. Über die orthogonalen Funktionen I. Acta Sci. Math., 18 (1957), 57-130.
84. Über die orthogonalen Funktionen VII (Approximationssätze) Acta Sci. Math. 20 (1959), 19-24.
85. Über die Konvergenz der Orthogonalreihen III, Publ. Math. Debrecen. 12 (1965), 127-157.
86. A remark on a theorem of G. Alexits and A. Sharma, Anal. Math., (1975), No.3, 223-230.
87. Über die Summierbarkeit von Funktionenreihen, Period Math. Hungar 7 (1976) No.2, 161-168.
88. Weiter Bemerkungen über die konvergenz und Summierbarkeit der Funktionenreihen, Acta Math. Acad. Sci. Hungar., 28 (1976), No.1-2, 119-127.
89. On the role of Lebesgue functions in the convergence theory of functional series. Approximation and function spaces. (Gdansk, 1976), 778-790. North Holland, Amsterdam, 1981.

Turan Paul,

90. On the strong summability of Fourier series. J. Indian Math. Soc., (N.S.), 12 (1948), 8-12.

Walfisz A.

91. Über einige Orthogonalreihen, Bulletin of the Georgian Section Acad. Sci. USSR. 1, (1940), 411-420.

Weyl H.

92. Über die Konvergenz von Reihen die nach Orthogonal-funktionen fortschreiten, Math. Annalen, 67 (1909), 225-245.

Winn C.E.

93. On strong summability of any positive order. Math. Zeit, 37 (1933), 461-492.

Zinovev A.S.

94. Convergence of Fourier series in the systems of polynomial form. Math. Notes, 14 (1973), 923-929 (1974).

Ziza O.A.

95. Summability of orthogonal series by Euler method, Mat. Sb. (N.S.) 66 (108), (1965), 354-377.

Zygmund A.

96. Sur la sommation des series de fonctions orthogonales. Bulletin Intern Acad. Polonaise Sci. Letters. (Cracovie) series A (1927) 293-308.
97. Trigonometric series. Vol.I, Cambridge University Press, 1979.
98. Trigonometric series, Vol.II. Cambridge University Press, 1979.