LIST OF PAPERS COMMUNICATED/ACCEPTED FOR PUBLICATION

1. Certain summability means of orthogonal series, Jour. M.S.Univ. of Baroda, Vol. 35-36, No.3 (To appear)

2. On the Cesàro summability of orthogonal series, Jour. M.S.Univ. of Baroda, Vol. 35-36, No.3 (To appear)

3. On strong approximation of orthogonal series, Mathematics Education, India (To appear)

4. On convergence of orthogonal polynomical series, accepted for presentation at the 55th Annual Conference of Indian Mathematical Society at University of Delhi, Dec. 1989.

5. An estimation of Nörlund Lebesgue functions of some polynomial like orthonormal system, accepted for presentation at the 77th Annual Conference of Indian Science congress at Cochin, Jan. 1990.

6. On the order of certain summability means of orthogonal series (Communicated)

7. On Nörlund summability of orthogonal expansions in polynomial like orthonormal system (Communicated)

8. On Cesàro and Nörlund summability of orthogonal polynomial series (Communicated)

9. Absolute Nörlund means of orthogonal series
    (Communicated)

10. A Note on Nörlund means of orthogonal series
    (Communicated)

11. Absolute Convergence of Orthogonal Series
    (Communicated)

12. On $(\overline{N}, p_n)$ means of orthogonal series
    (Communicated)

13. On summability of lacunary orthogonal series
    (Communicated)

14. On the convergence of lacunary orthogonal series
    (Communicated)

15. On $| v, \lambda |$ summability of orthogonal series
    (Communicated)

JOURNAL OF THE M. S. UNIVERSITY OF BARODA

Your paper entitled ''On the Cesàro Summability of Orthogonal Series'' has been accepted for publication and will appear in No.3, Vol. 35 - 36 of the Journal.

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Ref. No. 8/20

Mr. D.P.Patel

C/o Dr.C.M.Patel and DR.S.R.Agrawal

Dear Sir,

Please refer your paper 'On strong approximation of orthogonal series', we would like to request you to send Rs. 400=00 as cost of reprints of your paper. The cost of reprint is compulsary. The DD should be payable to

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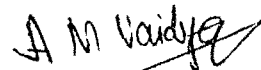
To:
Mr.Dhanesh Patel,
Faculty of Technology and Engg.,
M.S.University,
BARODA 390001.

Dear Mr.Patel,

I am happy to inform you that your paper*

is accepted for presentation at the 55th annual

conference of Indian Mathematical Society to be

held at the University of Delhi, Delhi from

Dec.27 to 30,1989.

With best regards,

Yours sincerely,

(A. M. Vaïdya)
* On convergence of orthogonal
  Polynomial Series (with S.R.Agrawal &
  C.M.Patel).

C-90.   On Convergence of Orthogonal Polynomial Series
—Dhanesh Patel, S R Agrawal and C M. Patel (Baroda)

Alexits has found the order of degree of approximation for all 2π periodic functions and convergence of orthogonal series for orthogonal system In this paper we extend the result of Alexits to orthogonal polynomial system under weaker condition for all class of functions

PROFESSOR V. M. SHAH
Department of Mathematics
D..n, Faculty of Science
M S. University of Baroda
BARODA-390 002 (INDIA)
President: Section of Mathematics
77th Indian Science Congress

Dated___3 - 10 -_____1989

Dear Sir,

Your paper has been accepted for oral presentation/poster display* during the 77th Session of the Science Congress to be held at Cochin from January 7 to 12, 1990. Could you kindly let me know latest by Oct. 16, 1989, if you would attend the Congress and present the paper? While replying, you may kindly mention the title of your paper. An advance programme of presentation of papers will be prepared on the basis of the information to be collected, and followed as strictly as possible.

If I do not hear from you by the above date, it would be presumed that you would not be attending the Session, and in that case your paper will not be included in the programme for presentation. jointly with S·R Agrawal

Title of papers –

1. An estimation of Norlund

• Lebesgue functions of

Some polynomial like orthonormal system.

Yours faithfully,

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67.   An estimation for Norlund Lebesgue function of
        · some Polynomial like Orthonormal system .

Dhanesh Patel & S. R. Agarwal,
Dept. of Applied Math.,
Faculty of Tech. & Engg.,
M. S. University of Baroda
Baroda - 390 001

The influence of Lebesgue function on the convergence of orthogonal series was discussed by Alexits. He has estimated the order of (C. 1) Lebesgue function. In this paper we have estimated the order of (N, p_n) and $(\bar{N}, p_n)$ Lebesgue functions.