

BIBLIOGRAPHY

- Agarwal, R.D. and Mathur, A.B.**[1] “On H-function of two variables” Proc. Nat. Acad. Sci. India (Abstract) (1969), p.30.
- Agarwal, R.P.**
- [1] “An extension of Meijer’s G-function” Proc. Nat. Inst. Sci. (India), Vol. (31) A (1965), 536-46.
- [2] “Certain basic hypergeometric identities associated with mock theta functions”, Quart. J. Math. (Oxford) 20 (1968), 121-128.
- [3] “Fractional q-derivative and q-integrals and certain hypergeometric transformation”, Ganita, Vol. 27 (1976), 25-32.
- [4] “Ramanujan’s last gift”, Math. Student, 58 (1991), 121-150.
- [5] Generalized hypergeometric series and its applications to the theory of Combinatorial analysis and partition theory, (Unpublished)

monograph).

- [6] “A family of basic hypergeometric and Combinatorial identities and Certain summation formulae”, *Indian J. pure. appl. Math.*, 12 (1981), 728-737.
- [7] “Lambert series and Ramanujan”, *Proc. Indian Acad. Sci. (Math Sci.)* Vol. 103 (1993), 269-293.
- [8] Certain fractional q -integrals and q -derivatives, *Proc. Camb. Phil. Soc.* 66 (1969), 365-370.
- [9] “Pade approximants, Continued fractions and Heine’s q -hypergeometric series”, *Jour. Math. Phy. Sci.*, Vol. 26, No. 3 (1992), 281-290.
- [10] *Resonance of Ramanujan’s Mathematics* Vol. 1 (1996), New Age International (P) Limited Publishers, New Delhi.
- [11] *Resonance of Ramanujan’s Mathematics*, Vol.2 (1996), New Age International (P)

Limited Publishers, New Delhi.

- Agarwal, R.P. and Verma, A.** [1] Generalized basic hypergeometric functions with unconnected bases, Proc. Cambridge, Phil. Soc. 63 (1967), 727-734.
- [2] Generalized basic hypergeometric functions with unconnected bases (11), Quart., J. Math. (Oxford) 18 (1967), 181-192.
- Agarwal, R.P.** [1] Selected topics in special functions : poly-
Manocho, H.L. and basic hypergeometric series by A. Verma
K. Srinivas Rao (p. 77-92) Allied Publishers limited, New
Delhi 2001.
- Andrews, G.E.** [1] "On basic hypergeometric series, mock-theta functions and partitions-I", Quart. J. Math. (Oxford), 17 (1966), 64-80.
- [2] On basic hypergeometric series, mock-theta functions and partitions-II, Quart. J. Math. (Oxford), 17 (1966), 132-143.
- [3] An introduction to Ramanujan's 'Lost' Note book, Amer. Math. Monthly 86 (1979), 89-108.

- [4] "Ramanujan's 'Lost' Notebook I partial θ -functions" *Advances in Mathematics*, Vol. 41, No.2, (1981), 137-171.
- [5] "Ramanujan's 'Lost Notebook, II θ -function expansions" *Advances in Mathematics*, Vol. 41, No.2, (1981), 173-185.
- [6] "Problems and prospects for basic hypergeometric functions", *Theory and Applications of Special functions* (1975), (R. Askey, ed.) Academic Press, New York, 191-224.
- [7] "On the q -analogue of Kummer's Theorem and Applications", *Duke Math. J.*, 40 (1973) p. 525-528.

Andrews, G.E. and Askey, R.

- [1] Another q -extension of beta function. *Pro. Amer. Math. Soc.* 81 (1981), 97-100.
- [2] Classical orthogonal polynomials in polynomous orthogonau et Application (C. Brezinski, A. Draux, A.P. Magnus, P. Maroni, et. A. Ronveaux, (Editors) p.p. 36-

62. Springer-Verlag, Berlin, Heidelberg and
New York, 1985

Appel, P. and

et Kampe De Fériet, J.

- [1] *Fonctions hypergéométriques et
hypergéométriques Gauthier* Paris 1926.

Askey, R.

- [1] *Orthogonal polynomials and special
functions*, Regional conference series in
applied mathematics 21, SIAM Philadelphia.
(1975).

- [2] *Ramanujan's extensions of the gamma and
beta functions*, Amer. Math. Monthly, 87,
346-359 (1980).

Askey, R. and Wilson, J.

- [1] "Some basic hypergeometric polynomials
that generalize Jacobi polynomials" *Mem.
Amer. Math. Soc.* 54, 319, 1985.

Bailey, W.N.

- [1] *An identity involving Heine's basic
hypergeometric series*, J. London, Math.
Soc. 4 (1929), 254-257.

- [2] *Generalized hypergeometric series*,
Cambridge University Press, Cambridge
(1935).

- [3] “Series of hypergeometric type which are infinite in both directions”, *Quart. J. Math. (Oxford)*, 7 (1936), 105-115.
- [4] Some identities in Combinatorial analysis, *Proc. London, Math. Soc.* 49 (1947), 421-435.
- [5] Identities of Rogers-Ramanujan type, *Proc. London, Math. Soc.* 50 (1949), 1-10.
- [6] Some theorems concerning products of hypergeometric series, *Proc. London. Math Soc. (2)* 38 (1935) 377-84.

Baweja, K.K.

- [1] “Transformation of Kampe de Fieriet function II” *Ganita*, Vol. 32, (1982), 44-48.

Bhagirathi, N.A.

- [1] “Certain investigations in the field of generalized basic hypergeometric functions and continued fractions” Ph.D. Thesis (1988), University of Gorakhpur.

Bhattacharjya, M.

- [1] On some generalization of Legendre Polynomials *Bull Cal Math Soc.* 66 (1974), 77-85

- Barafman, F.** [1] An ultra spherical generating functions
Pacific, J. Math 7 (1957), 1319-1323.
- Buchholz, H.** [1] Die Konfluente Hypergeometric
Funktionen Berlin-Gottingen Heidelberg
1953.
- Burchnall, J.L.
and Chaundy T.W.** [1] The hypergeometric identities of Cayley-
Orr. and Bailey, Proc. London Math. Soc.
(2) 50 (1949), 56-74.
- Carlitz, L.** [1] Some inverse relations, Duke Math. J. 440
(1973), 839-901.
- [2] "Some formulas of F.H. Jackson"
Mantshofte fur Mathematik 73 (1969),
193-198.
- [3] A note on the bessel polynomials Duke
Math. J. 24 (1957), 151-162.
- [4] Some generating functions of Weisner
Duke Math. J. 28 (1961), 523-529.
- Cayley, A.** [1] On a theorem relating to hypergeometric
series, Phil. Mag. (A) 16 1885, 356-57.
- Carlitz, L. and** [1] Some hypergeometric polynomials

- Srivastava, H.M.** associated with the Lauricella functions F_D of several variables II Vesnik 13 (28) (1976), 134-152.
- Chatterjea, S.K.**
- [1] A bilateral functions for the ultraspherical polynomials, Pacific, J. Math. (1) 29 (1969), 73-76.
 - [2] Unification of a class of bilateral generating relations for certain special functions Bull Cal Math. Soc. 67 (1975), 115-127.
 - [3] An extension of a class of bilateral generating functions for certain special functions (Bull Inst. Math. Acad. Sinica 92) 5 (1977), 323-331.
- Chaudy, T.W.**
- [1] "Some hypergeometric identities", J. London, Math. Soc. 26 (1951), P. 42-44.
 - [2] An extension of hypergeometric functions (1) Quart J. Math. Oxford Ser 14 (1943), 55-78.
- Das M.K.**
- [1] Surles Polynomials de bessel, C.R. Acad.

Sci. Paris Ser. A271 (1970), 408-411.

Denis, R.Y.

- [1] "On certain expansion of basic of basic hypergeometric functions and q-fractional derivatives" *Ganita* 38 (1987), 91-100.
- [2] "On certain transformations of basic hypergeometric functions" *Bull. Cal. Math. Soc.* 79 (1987), 134-138.
- [3] "On certain expansions of basic hypergeometric functions with application in number theory" *Ganita* 34 (1983), 53-56.
- [4] "On certain transformations of basic hypergeometric functions", *Ranchi Uni., Math. J.* 13 (1983), 44-51.
- [5] "On basic hypergeometric functions and continued fractions", *J. The Maths Student*, Vol. 52, No. 14 (1984), p. 129-136.
- [6] "On certain q-series and continued fractions", *J. The maths Student*, Vol. 44,

No.1-4 (1983), p.70-76.

[7] “On certain q-series and continued fraction identities”; J. The maths Student, Vol. 53, No. 1-4 (1985), p. 243-248.

[8] “On certain continued fractions of Ramanujan”, Jour. Math. Phy. Sci., Vol. 24, No. 3, June 1990, p. 193-205.

[9] “On generalization of certain continued fractions”, Indian J. Pure, App. Math. 22(1) 73-75, January 1997.

[10] “On generalization of Euler’s continued fractions”, Indian J. Pure App. Math. 21 (1) 1990, p. 78-81.

[11] “On generalization of continued fraction of Gauss”, Internat J. Math. Sci., Vol. 13, No. 4 (1990), p. 741-746.

[12] “On expansion of a of q-series” of three variables Janabha 18 (188) 95-98.

Denis, R.Y., Singh S.N.

and Sulata, D.

[1] “Certain transformation and summation formulae for basic hypergeometric series

- of and two variables". (to appear)
- Denis, R.Y., Singh, S.N.** [1] On certain transformation and summation formulae for bi-basic hypergeometric series. Accepted for publication in Indian Journal of Pure and Applied Mathematics.
- and Singh, S.P.** [2] On certain basic identities A Cayley-Orr type involving two variables communicated for .
- Denis, R.Y. and Singh S.N.** [1] Hypergeometric function and continued fractions, accepted for publication in Far East. Jour. Math. Sci.
- Dougall, J.** [1] "On Vondermonde's theorem and some more general expansions". Proc. Edin. Math. Soc. 25 (1970), 114-132.
- Dutta, M., Chatterjea, S.K.** [1] On a class of generalized Hermite polynomials. Bull, Inst. Math. Acad. Sinca and More, K.L. (2) 3 (1975), 377-381.
- Dutta, M. and More, K.L.** [1] A new class of generalized Legendre polynomials Mathematics (Cluj) (30) 7 (1965) 33-41.

- Erdelyi, A.** [1] "Higher transcendental function", Vol. 1, McGraw-Hill, New York (1953).
- Exton, H.** [1] *q*-Hypergeometric functions and applications Ellis Harwood Ltd., Halsted, John Wiley & Sons, New York (1983).
- [2] Transformation einer gewissen nach Produkten Konfluenter hypergeometrischer funktionen fortschreitenden Reihe *Composition Math* 6 (1939), 336-347.
- Erdelyi, A.** [1] Higher transcedental functions Vol. I, II and III. McGraw Hill, New York (1953)
- Euler, L.** [1] "Introduction in Analysis Infinitorum", Lausanne, Vol. I, (1748).
- Exton, H.** [1] *q*-Hypergeometric functions and applicaions Ellis Harwood Ltd. Halsted, John Wiley & Sons, New York (1983).
- Edwards, D.** [1] An expansion in factorials similar to Vander-monde's theorem and application *Messenger of Math.* 52 (1923), 129-36.
- Gasper, G.** [1] Summation, transformations and expansion

formulas for bi-basic series, Trans. Amer. Math. Soc. 312 (1989), 257-277.

- [2] "Summation formulas for basic hypergeometric series", SIAM J. math. Anal., Vol. (12)(1981), p. 196-200.

Gasper, G. and Rahman, M.

- [1] "Basic hypergeometric series", Cambridge University Press (1990).

- [2] "An indefinite bibasic summation formula and some quadratic, cubic and quartic summation and transformation formulas" Canad. J. Math. (1989a)

Gauss, C.F.

- [1] Disquisitiones generales Circa Seriem infinitam $1 + \frac{\alpha\beta x}{1.r} + \frac{\alpha(\alpha+1)\beta(\beta+1)}{1.2.r(r+1)} x^2 + \frac{\alpha(\alpha+1)(\alpha+2)\beta(\beta+1)(\beta+2)}{1.2.3.r(r+1)(r+2)} x^3 + \text{etc.}$, pars prior, comm. Soc. reg. Sci. Gott. rec 2(1812), reprinted in C.F. Gauss, Werke, Band 3, Kniglichen Gesellschaft der Wisseschhaften, Gott., (1876) 123-162.

Gessel, I. and Stannton, D.

- [1] Another family of q-lagrange inversion formulas, Rocky Mountain J. math. 16

(1986), 373-384.

Gould, H.W.

- [1] Operational formulas connected with two generation of Hermit polynomials. Duke Math. J. 29 (1962), 57-65.

and Hopper, A.T.

Gupta, A.

- [1] "On certain Ramanujan's mock-theta functions". Proc. Indian Acad. Sci. (Math. Sci.) (1993), 257-267.

Hahn, W.

- [1] Ober orthogonal polynome die q-differenzengleichungen genügen", Math. Nachr-2 (1949), 4-34.
- [2] "Bertrage zur theorie der heineschen Reihen", Math. Nachr-2 (1949), 340-379.

Hardy, G.H.

- [1] Ramanujan, Cambridge University Press (1940), reprinted by Chelsea, New York (1978).

Heine, E.

- [1] Untersuchungen über die Reihe, J. Reine Angew. Math. 34 (1847), 285-328.
- [2] "Handbuch der Kugelfunctionen", Theorie und Anwendungen, Vol. I Reimer, Berlin (1978).

- Hirschhorn, M.D.** [1] "Some partition theorems of the Rogers-Ramanujan type", J. Comb. Theory 27 (1974), 33-37.
- Horn, J.** [1] "Oeber die convergenz der hypergeometricsche Reihen zweier and Drier Varaderlichen", Math. Ann. 34 (1889), 544-600.
- [2] Hypergeometric Funktionmen Zweier Veraderlichen, Math. Ann. 105 (1931), 381-407.
- [3] Hypergeometricsche Funktionmen Zweier Veraderlichen, in Schittpnkt Dreier Singularitaten, Math. Ann. 115 (1938), 435-455.
- Henrici, P.** [1] On generating functins of Jacobi's polynomials. Pacific Jour. Math. 52 (1956) 923-31.
- Jackson, F.H.** [1] "On generalized functions of Legendre and Bessel", Trans. Roy. Soc. Edinburgh 41 (1904), 1-28.

- [2] A generalization of the function Γ_n and x^n ,
Proc Roy. Soc. London 74 (1904), 64-72.
- [3] "Transformations of q-series", Mess. Math.
39 (1910), 145-151.
- [4] On q-definite integrals, Quart. J. Pure and
Appl. Math. 41 (1910), 196-207.
- [5] Summation of q-hypergeometric series,
Messenger of Math. 50 (1921), 101-112.

Jacobi, C.C.J.

- [1] "Fundamenta Nove theoriae Functionum
Ellipticarum, Regiomonti. Sumptibus
fratrum Borntrager, reprinted in
Gessammelte Werke I (1881), 49-239,
Reimer, Berlin; reprinted by Chelsea, New
York, 1969.

Jain, V.K. and Verma, M.

- [1] Transformations of non terminating basic
hypergeometric series-their contour
integrals and applications to Rogers-
Ramanujan identities, J. Math. Anal. Appl.
87 (1982), 9-44.

J. Vander Jeugt; S.N. Pitre

- [1] Transformation and Summation formulas

& K. Srinivasa Rao

for multiple hypergeometric series, and the 9-J coefficient.

Khan, I.A.

- [1] Generating functions for Jacobi and related polynomials. Proc. Amer. Math. Soc. (1) 32 (1972), 179-186.

Kampe, de Feriet, J.

- [1] Les fonctions hypergeometriques d'ordre superieur a deux variables C.R. Acad. Sci. Paris, 173 (1921), 401-404.

Lakin, A.

- [1] "A hypergeometric identity related to Dougall's theorem", J. London Math. Soc. 27 (1952) 229-234.

Lauricella, G.

- [1] Sulle Funzioni Ipergeometriche a piuvariabili Rend. Circ. Math. polermo 7(1893), 111-58.

Luke, Yudell L.

- [1] The special functions and their approximation, Vol.II (1968), Academic press, New York, Sanfransico, London.

MacRobert, T.M.

- [1] Proc. Royal Soc. Edinburg 58 (1937-38), 1-13.
- [2] "Some integrals involving E-functions and

- confluent hypergeometric functions”,
Quarts. J. Math. (Oxford), 13 (1942), 65-
68.
- [3] “Infinite series of E-functions”, Proc.
Glasgow Math. Assoc. 4(1958), 26-28.
- [4] Integrals involving hypergeometric
functions and E-functions, Proc. Glasgow
Math. Assoc. 3, 4(1958), 196-198.
- [5] Integrals of products of E-functions Math.
Annalen., 137 (1959), 412-416.
- [6] The multiplication formula for the gamma
function and E- function series, Math.
Annalen., 139 (1959), 133-139.
- [7] “Infinite series of E-functions”, Math.Z 71
(1959), 143-145.
- [8] “Integration of E-functions with respect to
their parameters”, Proc. Glasgow Math.
Assoc. 4 (1959), 84-87.
- [9] “Application of the multiplication
formulae for the gamma function to E-

function series”, Proc. Glasgow Math.

Assoc. 4, 3 (1960), 114-118.

- [10] Fourier series for E-functions, Math. Z. 75 (1961), 79-82.

MacRobert, T.M.

- [1] “E-function series whose sums are constant”, Math., Z., Vol. 78 (1961), 231-234, MR. 2544 (1964).

and Ragab, F.M.

McBride, E.B.

- [1] Obtaining generating functions Springer Tracts in Natural Philosophy, Vol. 21 Springer-Verlag, New York, Heidelberg and Berlin (1971).

Meijer, C.S.

- [1] “Ueber Whittakersche bezw, Besselsche funcktionen und deren produkte”, Nieuw Arch Wiskunde, (2) 18 (1936), 10-39.
- [2] “Ueber Besselsche, Struvesche und Lommelsche funcktion”, Nederl. Akad. Wetench. Proc. 43 (1940), 198-200 and 366-378.
- [3] “Neue Integraldarstellungen fur whittekersche Funcktionen”, Nederl. Akad.

Wetench. Proc. 44 (1941), 82-92.

- [4] Multiplikations theoreme for die funktion $G_{p,q}^{m,n}$ Nederl. Akad. Wetesche Proc. 44 (1941), 1062-70.
- [5] Ibid., 44 (1941), 435-441 and 590-605.
- [6] On the G-function, Nederl. Wetensch Proc. 49 (1946), 344-356, 457-569, 632-641, 765-772, 936-943, 1063-1072 and 1165-1175.
- [7] Expansion theorems for the G-functions I-II, Indag. Math. 14 (1952), 369-379 and 483-487.
- [8] Ibid., 16 (1954), 77-82, 83-91 and 273-279.
- [9] Ibid., 17 (1955), 243-251 and 309-314.
- [10] Ibid., 15 (1953), 43-49, 187-193 and 349-357.
- [11] "Expansions of generalized hypergeometric functions", Simon Stevin., 31 (1957).

- Meixner, J.** [1] Erzeugende Funktionen der Charlierschen Polynome Math. Z. 44 (1938), 531-535.
- Moak, D.S.** [1] The q-analogue of the languerre polynomi als. J. Math. Z. Annal. Appl. 81 (1981). 20-57.
- Nassarallah and Rahman, M.** [1] "Projection formulas, a reproducing Kernel and generating function for q-Wilson polynomials", SIAM J. Math. Annal. 16 (1985), 186-197.
- [2] "q-Analogue of Appell's F_1 -function and some quadratic transformation formulas for non-terminating basic hypergeometric series", Rocky Mountain Journal of Mathematic, Vol. 166 (1986), 63-82.
- Orr. Mef.** [1] Theorems relating to the product of hypergeometric series. Trans. Comb. Phil. Soc. 17 (1899), 1-15.
- Patil, K.R.** [1] Operational formulas for a functions defined by a generalized Rodrigues Formula II, sci. J. Shivaji Univ. 15 (1975), 1-10.
- and Thakare, N.K.**

- Prabhakar, T.R.** [1] On the other set of the biorthogonal polynomials suggested by the Laguerre polynomials, Pacific J. Math. 37 (1971) 801-804.
- Ragab, F.M.** [1] "Expansions of Kampe de Fariet's double hypergeometric functions of higher order", J. Reine, Angew, Math. 212 (1963), 113-119.
- Rahman, M.** [1] Reproducing Kernels and bilinear sums for q -Racatanad q -Wilson polynomials, Trans. Amer. Math. Soc. 273 (1982), 483-508.
- [2] "An integral representation and some transformation properties of q -Bessel functions", J. Mathematical analysis and application, Vol. 125, July (1987).
- [3] Some quadratic and cubic summation formulas for basic hypergeometric series (to appear).
- Rai, P.N.** [1] Bilateral generating functions for new class
- and Singh, S.N.** of generalized Hermite polynomials. Bull

Inst. Math. Acad. Sinica (1) 6 (1978), 61-65.

- Rainville, E.D.** [1] Special functions, MacMillan Co. New York (1960), 203.
- Ramanujan, S.** [1] The 'Lost' Notebook and other unpublished papers; (Introduction by G.E. Andrews) (1988), Narosa Publishing House, New Delhi.
- Rastogi, P.** [1] Certain generalized basic hypergeometric transformation and identities of Rogers-Ramanujan type, Ph.D. Thesis (1984), University of Lucknow.
- Saha, B.B.** [1] A bilateral generating functions for Bessel polynomials. Mat. Vesnik 11 (26), (1974) 289-291.
- Saran, S.** [1] A general theorem for bilinear generating functions. Pacific, J. Math. 35 (1970), 783-786.
- Sears, B.D.** [1] On the transformation theory of basic hypergeometric functions. Proc. London

Math. Soc. (2) 53 (1951), 181-191.

- [2] "Transformation of basic hypergeometric function of special type". Proc. London Math. Soc., Vol. 52 (1951a), 467-483.

Shukla, H.S.

- [1] Certain investigations in the field of basic hypergeometric functions, Ph.D. Thesis (1993), Purvanchal University, Jaunpur.
- [2] Certain theorems of Cayley-Orr type bilateral hypergeometric series, Quart. J. Math. (Oxford) (2), 10 (1959), 48-59

Singh, R.P.

- [1] Some Polynomials related to the generalized Laguerre polynomials Rev. Mat. Hisp. Amer. 28 (1968), 128-136.

Singh, S.N.

- [1] "Certain transformation of abnormal basic hypergeometric functions", Ramanujan International Symposium on analysis, 1987, Pune. Editor : N.K. Thakare- 303-309
- [2] "An expansion involving basic hypergeometric functions". J.P.A.S. Vol. 1 (1990), 27-32.

- [3] "Certain new partition theorems", Accepted for publication in Proc. National Academy of Sciences.
- [4] "A study of certain basic hypergeometric series, Ramanujan's continued fractions and partition theoretic identities", Thesis approved for D.Sc. degree from Purvanchal University, Jaunpur(1994).
- [5] "Certain results involving continued fractions", J. The Maths. Student, Vol. 52, (1984) pp. 197-200.
- [6] "On q-series and continued fractions", Proc. Math. Soc., B.H.U. Vol. 3 (1988), p. 119-123.
- [7] "On q-hypergeometric function and continued fractions", The Maths Student, Vol. 56, (1988) p. 81-84. (1988).
- [8] "Basic Hypergeometric series and continued fractions", The Maths Student, Vol. 56, (1988) p. 91-96. (1988)

Singh S.N. and Singh U.B.

- [1] "Certain summation formulae
Communicated for publication".

Singh, S.P.

- [1] "Certain integrals involving basic hypergeometric
functions" Accepted for publication in
Mathematics Student.

- [2] "Certain investigations in the field of
generalized basic hypergeometric
functions". Thesis aproved for Ph.D. degree
from Gorakhpur University, Gorakhpur in
1993.

- [3] "Certain transformations formulae
involving basic hypergeometric functions",
Journal of Mathematics and Physical
sciences, 28 (1994), 189-195.

Singh, U.B.

- [1] "On the sums of certain basic bilateral
hypergeometric series". Bull. Cal. Math.
Soc. 85 (1993), 185-190.

- [2] "On a hypergeometric transformation
formula with four unconnected bases II". J.
of Indian Math. Soc. 60 (1994), 1-11.

- [3] "A note on a transformation of Bailey" Q.J.,
Math. Oxford, 45 (1994), 111-116.
- Singhal, J.P.**
and Srivastana, H.M.
- [1] A class of bilateral generating functions for
certain classical polynomials Pacific J.
Math. 42 (1972), 755-762.
- Singhal, R.P.**
- [1] "Transformation formulae for the modified
Kampe de Feriet function", The
Mathematics Student, Vol. XLAP (1972),
327-329.
- [2] A transformation formula for double
hypergeometric series, Rorky Mountain J.
Math, 3 (1973), 377-381.
- [3] Transformation formulae for Kampe de
Feriet hypergeometric function. Indian J.
Pure. Math. 2 (1971), 610-614.
- Singh, V.N.**
- [1] Basic analogues of identities of the cayley-
Orr type, Jour. London Math. Soc. 34
(1959), 15-22.
- Slater, L.J.**
- [1] "Further identities of the Roger-Ramanujan
type", Proce. London Math. Soc. 54 (1951-

52), 147-167.

- [2] Generalized hypergeometric functions.
Cambridge University Press, London,
1966.

Srivastava, A.N.

- [1] On a function defined by generalized
Radrignes formula Ind. J. Pure Appl. math.
(1) 10 (1979), 124-127.

Srivastava, H.M.

- [1] Ann. Math. Pune App. (4) 144, (1986), 101-
108.
- [2] "Some polynomials expansions for
functions of several variables", IMAJ Appl.
Math. 27 (1981b), 299-306.
- [3] On the reducibility of Appell's function F_4 ,
Canad. Math. Bull. 16 (1973), 295-298.
- [4] A transformation for An n-balanced ${}_3\Phi_2$
American Mathematical Society, 101
(1987), 108-112.
- [5] Note on certain generating functions for
Jacobi and Laguerre polynomials. Pub. Inst.
Math. (Beograd) (N.S.) tome 17 (31)

(1974), 149-154.

- [6] Some generating function equivalences
Glasgow Math. J. (1) 16 (1975), 34-39.
- [7] On generalized Neumann expansion
involving hypergeometric functions, Proc.
Cambridge Philos, Soc. 63 (1967), 425-
429.
- [8] On a generating function for the Jacobi
polynomial, J. Math. Sci. 4 (1969), 61-68.
- [9] On a generating function for the Jacobi
polynomial II. Math. Student 40 (1972),
225-230.
- [10] A family of a q -generating function, Bull.
Inst. Math. Acad. Sincia. 12 (1984), 327-
336.

Srivastava, H.M.

And Jain, V.K.

- [1] "q-Series identities and reducibility of
basic double hypergeometric functions",
Can. J. Math. Vol. XXXVIII No. 1 (1986),
215-231.

Srivastava, H.M.

- [1] Multiple Gaussian Hypergeometric Series,

- and Karlsson** Ellis Horwood. Ltd. Halsted Press, John
Viley & Sons, New York (1985).
- Srivastava, H.M.** [1] A certain method of obtaining bilateral
and Lavoie, J.L. generating functions Nederl, Akad.
Wetensch. proc. Ser. A78-Idag. math. 37
(1975), 304-320.
- Srivastava, H.M.** [1] "Some bilateral generating functions for the
and Pathan, M.A. extended Jacobi polynomials", Commet.
Math. Univ. St. Pauli XXVIII-I, (1979), 23-
30.
- Srivastava, H.M.** [1] A treatise on generating functions,
and Manocha, H.L. Halsted Press, (1984).
- Srivastava, H.M.** [1] On transformation of certain generalized q-
Singh, S.N. and hypergeometric function of two variables
Shukla, H.S. J. Math. Analysis and application, 196
(1995), 554-564.
- Srivastava, A.K.** [1] On partial sums of Mock, theta function of
order three, Proc. Indian Acad. Sci. 107
(1997), 1-12.
- [2] On partial sums of mock-theta functions of

- order five and seven, J. Indian Math. Soc.
66 Nos. 1-4 (1966), 207-215.
- [3] Partial series of mock-theta functions found
in the 'Lost' notebook. J. Indian. Math. Soc.
66, Nos. 1-4 (1999), 217-225.
- Srivastava, K.N.** [1] "A note on orthogonal polynomials", The
and Bhonsle, B.R. Mathematics Student, Vol. XII, No. (1973),
293-294.
- Stanton, D.** [1] q-series and partition, Springer Verlag, New
York, 1989.
- Subbarao, M.V.** [1] Some Rogers-Ramanujan type partition
theorem, Pacific J. Math. 120 (1985), 431-
435.
- Thakare, N.K.** [1] On orthogonal polynomials related to the
and Bhonsle, B.R. ultraspherical polynomials, proc. Nat. Acad.
sci. India (II) 44 (A) (1974), 129-136.
- Thomae, J.** [1] Reitrage Zue theories Durch die Heinesche
Reich..., J. Reine Angew Math. 70 (1869),
258-281.
- [2] Les series Heine ennes superiures on les

series de la forme...., Annali di Mathematica.
Pura de Applicata, 4 (1870), 105-138.

Toscano, L.

- [1] Sui polinomi ipergeometrici a piu variabili del tipo F_D di Lauricella, Mathematiche (Catania) 27 (1972), 219-250.

Verma, A.

- [1] "Some transformations of series with arbitrary terms", Istituto Lombardo (Rend. Sc.) A 106 (1972), 342-353.
- [2] "On identities of Rogers-Ramanujan type", Indian J. Pure and appl. Math. 11(6) (1980), 770-790.

Verma, A. and Jain, V.K.

- [1] "Some summation formulae of basic hypergeometric series", Indian J. of Pure and applied Math., 11(8) (1980), 1021-1038.
- [2] Certain transformations of basic hypergeometric series and their application. Pacific J. Math. 101 (1982), 333-349.
- [3] "Some summation formulae for non terminating basic hypergeometric series".

Siam, J. Math. Anal. Vol. 16 No. 3 (1985),
646-655.

[4] "Transformation between basic hypergeometric series of different bases and Identities of Rogers-Ramanujan Type", J. of Mathematical Analysis and applications, Vol. 76 (1980), 230-269.

[5] "q-Analogue of a transformation of Whipple", Rocky M.J. of Math., 13 (1983), 639-650.

[6] "Certain summation formulae for q-series", J. Indian Mathematical Society 47 (1983), 71-85.

Verma, A. and Upadhyay, M.

[1] Certain transformations of product of basic bilateral hypergeometric series, India J. Math. 10 (1968), 59-71.

[2] Transformations of product of basic bilateral series, Proc. Nat. Inst. Sc. 34 (1981), 155-168.

Watson, G.N.

[1] A new proof of Rogers-Ramanujan

identities, J. London Math. Soc. (1920),
4-9.

- [2] The theorems of Clausen and Cayley on
products of hypergeometric functions.

Proc. London. Math. Soc., 22 (1924) 163-
70.

Whipple, F.J.W.

- [1] Algebraic proof of the theorem of Cayley-
Orr concerning the products of certain
hypergeometric series, Jour. London. Math.
Soc. 2 (1927), 85-90.

- [2] On a formula implied in Orr's theorems
concerning the products of
hypergeometric series, Jour. London Math.
Soc. 4 (1929), 48-50.

.....

