

Errata, updates of the References, etc., (as of Jan. 21, 2004) for the book:

Basic Hypergeometric Series, by George Gasper and Mizan Rahman, Encyclopedia of Mathematics and its Applications, Vol. 35, Cambridge University Press, Cambridge-New York, 1990. xx+287 pp.
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Note: An expanded updated second edition of this book is due to be published during 2004. It will contain three additional chapters entitled:

- 9. Linear and Bilinear Generating Functions for Basic Orthogonal Polynomials**
- 10. q -Series in Two or More Variables**
- 11. Elliptic, Modular, and Theta Hypergeometric Series**

Errata added after October 16, 1995 are placed at the end of the following list.

- p. xv, line 20: Replace “seems” by “seem”.
- p. 5: Replace “ $(1 - q^n)$ ” in (1.2.26) by “ $(1 - q^{n+1})$ ”.
- p. 5, third paragraph: Replace each “ b_s ” by “ $b_s q$ ”.
- p. 5: Delete “ $/a$ ” from the right side of eq. (1.2.27).
- p. 11, line 4 up: Replace “and” by “by”.
- p. 12: Insert the factor “ z^n ” in the numerator on the left side of eq. (1.6.3).
- p. 12, line 7 up: Replace “ $n = 0$ ” by “ $k = 0$ ”.
- p. 15, line 15: Replace “ $q^{\binom{k}{2}}$ ” by “ $q^{-\binom{k}{2}}$ ”.
- p. 15, line 16 (the last line of (1.9.4): Replace “;” by “; q ”.
- p. 17, third line below (1.10.5): Replace “analogue” by “ q -analogue”.
- p. 19, line above eq. (1.11.8): Replace “integal” by “integral”.
- p. 24, Ex. 1.19 (ii): Replace “ $(a^2 q, b^2 q; q^2)$ ” by “ $(a^2 q, b^2 q; q^2)_\infty$ ”.
- p. 24, Ex. 1.21: Replace “ $1 - q^{n+x}$ ” by “ $(1 - q^{n+x})^2$ ”.
- p. 25, Ex. 1.24, line 7: Replace “ $J_\nu^{(1)}(x; q)_\infty$ ” by “ $J_\nu^{(1)}(x; q)$ ”.
- p. 26, line 2: Replace “ $x/2t$ ” by “ $-x/2t$ ”.
- p. 26, Ex. 1.29, line 1: Replace “ultraspherial” by “ultraspherical”.
- p. 26, Ex. 1.29, line 6: Replace “ $e^{-in\theta}$ ” by “ $\beta^{-n} e^{-in\theta}$ ”.
- p. 27, Ex. 1.32: Place a period at the end of the first sentence.
- p. 28, Ex. 1.35: Replace “associate law” by “associative law”.
- p. 28, line 3 up: Replace “derived” by “derive”.
- p. 36, line 4: Replace “(2.1.5)” by “(2.1.6)”.
- p. 36, line 6: Replace “(2.1.5)” by “(2.1.6)”.
- p. 36, line 10: Replace “ q -factor” by “ q -factor” (i.e, with a math. italic q).
- p. 36, line below eq. (2.7.1): Replace “(2.1.6)” by “(2.1.7)”.
- p. 36, line above eq. (2.7.2): Replace “(2.1.4)” by “(2.1.5)”.
- p. 37, line 1: Replace “ aq^{n+1} ” by “ $-aq^{n+1}$ ”.
- p. 37, Eq. (2.7.7): Replace “; q^5 ” by “; $q^5)_\infty$ ”.
- p. 41, line 4 up: Replace “respectivey” by “respectively”.
- p. 43: A sub infinity is missing from the right side of the numerator of the first fraction on the right side of (2.10.12).
- p. 47, line 4: Replace “ a/bq^n and a ” by “ $\lambda e/a$ and a/bq^n ”.
- p. 50, Ex. 2.2: Replace “ $(aq, bqt;$ ” on the right side by “ $(aq, bt;$ ” (see eq. (2.3) in Gasper and Rahman [1983a]).
- p. 51, Ex. 2.13 (i): In the ${}_{10}W_9$ replace “;” by “;” and replace the argument “ λ/a ” by “ $q\lambda/a$ ”.
- p. 52, Ex. 2.14 (ii): After the equation add “, where $\lambda = a^2 q/bcd$ ”.
- p. 54, Ex. 2.21: Replace “ $(\frac{aq}{\lambda})^n$ ” by “ $(\frac{a^2 q^2}{efgh})^n$ ”.
- p. 56, Ex. 2.30: Replace “where $a^3 q^2 = bdefgh$ ” by “where $a^3 q^2 = bcdefgh$ ”.
- p. 57, Notes 2, line 5: Add “Adiga *et al.* [1985],”.
- p. 59: Replace the “ q ” in eq. (3.1.1) by “1”.

- p. 62, line below eq. (3.2.9): Replace “min” by “max” .
- p. 66, line 4 up: Replace “ x/aq ” by “ x/bq ” .
- p. 68: Replace the third “;” on the left side of eq. (3.5.5) by a “,” .
- p. 73, eq. (3.6.19): Replace “ $q)_{n-1}$ ” by “ $p)_{n-1}$ ” .
- p. 74: Replace the second “ $n = 0$ ” on the right side of eq. (3.7.2) by “ $k = 0$ ” .
- p. 78, eq. (3.8.1): Replace the factor “ p^k ” on the right side of the summand by “ p^{2k} ” .
- p. 85, line below eq. (3.9.2): Replace “in (3.9.2)” by “in (3.9.1)” .
- p. 88, eq. (3.10.5): Replace the “ q^{n+1} ” in the argument of the series by “ q^{n-1} ” . The right side of the equation may be simplified to “ $(-aq, aq^2/w, w/aq; q)_n / (-q, aq/w, w; q)_n$ ” .
- p. 88, eq. (3.10.7): Replace “ $(-aq^2,$ ” on the right side of the equation by “ $(-aq,$ ” .
- p. 88, eq. (3.10.9): The right side of the equation may be simplified to “ $\frac{(w/aq, -a^{1/2}, aq^2/w; q)_n}{(w, -a^{-1/2}, aq/w; q)_n}$ ” .
- p. 89, eq. (3.10.14): The fraction on the right side of the equation may be simplified to “ $\frac{(-aq, aq^2/w, w/aq; q)_n}{(-q, aq/w, w; q)_n}$ ” .
- p. 89: In the numerator of the display at the bottom of the page, replace “ $-\lambda q^{n+1}$ ” by “ $-\lambda q^{n+1}/a$ ” .
- p. 90, Ex. 3.2 (ii): Replace “ $(a^2 z^2; q)_\infty$ ” by “ $(a^2 z^2; q^2)_\infty$ ” .
- p. 91, Ex. 3.4: Replace the last “ ${}_4\phi_3$ ” by “ ${}_4\phi_2$ ” and delete the “, 0 ” from its denominator parameters.
- p. 93, Ex. 3.10, line 3: Replace “ $(\lambda q,$ ” by “ $(\lambda/a, \lambda q,$ ” and replace “ $(\lambda q/a,$ ” by “ $(\lambda, \lambda q/a,$ ” .
- p. 95, Ex. 3.21: In the numerator on the right side of the equation replace “ $(A, AQ/B; Q)_n$ ” by “ $(Q, AQ/B; Q)_n$ ” .
- p. 95, Ex. 3.21, line 5: Replace the upper limit “ ∞ ” on the summation symbol by “ n ” .
- p. 96, Ex. 3.21: In the left side of the last equation, replace “ q/BCq^n ” by “ $1/BCq^n$ ” .
- p. 97, Ex. 3.25: Replace the “ a^3 ” in the denominator of the first line by “ a^2 ” .
- p. 98, Ex. 3.29 (ii): Delete the second “ $(ac/q^2; q)_k$ ” .
- p. 99: Delete the period from the end of the last line.
- p. 100, line 2 up: Replace “Ex. 3.16” by “Ex. 3.11” .
- p. 101, line 1 up: Delete “and Rother” .
- p. 104, line 8: Replace “anlytic” by “analytic” .
- p. 118: Insert a left parenthesis onto the left side of the numerator on the right side of eq. (4.11.2).
- p. 122, Ex. 4.5: Replace “ ${}_4\phi_2$ ” by “ ${}_4\phi_3$ ” .
- p. 123, line 9: Replace “ $a^3 c^5$ ” by “ $a^3 c^5$ ” .
- p. 124, first line of Notes 4: Replace “[1989b]” by “[1989a,b]” .
- p. 134, Ex. 5.3: Replace “In (5.4.1) set $b = a, d = c, e = -1$ ” by “In (5.3.1) set $b = a, c = d = e = -1$ ” .
- p. 135, Ex. 5.10: In the denominator on the right hand side of the equation replace “ $(c,$ ” by “ $(e,$ ” . Insert a period at the end of the equation.
- p. 136: Insert a period at the end of the equation in Ex. 5.15 .
- p. 137, Ex. 5.18 (iii): Add “when $bcd e = q^{n+1}$,” .
- p. 137, Ex. 5.18 (iv): Add “when $bcd e = q^{n+3}$,” .
- p. 147, eq. (6.4.11): In the numerator of the first ${}_{10}\phi_9$ on the right side of the equation replace “ $\nu_1, \sqrt{\nu_1}$ ” by “ $\nu_1, q\sqrt{\nu_1}$ ” .
- p. 158, line 2 up: Replace “6.14” by “6.13” .
- p. 167, eq. (7.3.13): Replace the factor $(-ac)^n$ by $(-acq^2)^{-n}$.
- p. 170, line 6 up: Replace “[1986a,b, 1987]” by “[1986a]” .
- p. 176, line 2 up: Replace “q-analogues” by “q-analogues” .
- p. 177: On the right side of eq. (7.5.31) replace “ $-n(2\alpha + 1)/4$ ” by “ $-n(2\alpha + 1)/2$ ” .
- p. 177: On the right side of eq. (7.5.32) replace “ $q^{\beta+1} - q^{\alpha+\beta+1}$ ” by “ $q^{\beta+1}, -q^{\alpha+\beta+1}$ ” .
- p. 180, Eq. (7.6.5): Replace each of the two “ $(ad; q)_j$ ” by “ $(ad, bd, cd; q)_j$ ” and replace “ $(abcdq; q)_j$ ” by “ $(abcd; q)_j$ ” .
- p. 181, formula (7.6.9): Replace “ $(bc, bd, cd; q)_n$ ” by “ $(q, bc, bd, cd; q)_n$ ” .
- p. 183, line 7 up: Insert “ $\sqrt{1-x^2}$ ” as a factor in front of “ $w(x; a, b, c, d|q)$ ” .
- p. 183, eq. (7.7.16): Delete “ $\sqrt{1-x^2}$ ” (three of them).
- p. 184, eq. (7.7.17): Delete “ $\sqrt{1-x^2}$ ” (two of them).
- p. 186, Ex. 7.11: Insert the missing right parenthesis onto the last exponent in the fourth line.
- p. 187, Ex. 7.13, line 5: Replace the multiple of the delta function on the right side of the orthogonality

relation by its reciprocal.

p. 191, Ex. 7.32 (ii): Insert the factor “ $q^{(\alpha-\beta)n/2}$ ” after the “ $(-1)^n$ ” factor on the right side of the equation.

p. 192: Delete the four minus signs from the left side of the equation at the top of page 192.

p. 194, Ex. 7.43, line 2: In the ${}_1\phi_1$ series replace “ $-x$ ” by “ $-x(1-q)$ ”.

p. 197, line 2: Replace “lime” by “line”.

p. 202, line 2: Replace the last “ $-m$ ” in the denominator parameters in (8.2.12) by “ m ”.

p. 207, line 2 below (8.5.1): Replace “appers” by “appears”.

p. 212, eq. (8.7.13): Insert the factor “ $(q; q)_s$ ” into the denominator on the right side of the equation.

p. 223, line 12: Replace “partion” by “partition”.

p. 226, line 4: Replace “Ex. (5.1) and (5.4)” by “Ex. 5.1 and 5.4”.

p. 232, second ${}_5\phi_4$ in Ex. 8.17: Replace “ z^2b^2/z^2 ” by “ a^2b^2/z^2 ”.

p. 232, Ex. 8.18: Add the restriction that $0 < q < 1$.

p. 232, line 11 up: Insert “de Branges and Trutt [1978],”.

p. 234, (I.31): Replace “ $, q$ ” by “ $; q$ ”.

p. 237: Insert the factor “ $q^{n(n+1)/2}$ ” in front of the right hand side of eq. (II.19).

p. 239, line 6 up: Replace “bilateral” by “bilateral”.

p. 240, eq. (II.37): Replace the first factor “ $(p; p)_n$ ” in the denominator by “ $(p; p)_k$ ”.

p. 241, Eq. (III.5): Add the restriction that “ $a = q^{-n}$, where n is a nonnegative integer”. (See Ex. 1.15 (i).)

p. 241, (III.8): Replace “ q/c ” by “ q/z ”.

p. 243, (III.23): Replace the second “ $a^{\frac{1}{2}}$ ” in the denominator of the first ${}_8\phi_7$ by “ $-a^{\frac{1}{2}}$ ”.

p. 253: In Askey [1975] delete “, ed.” and replace “Applies” by “Applied”. Askey [1989a] is published in Ramanujan International Symposium on Analysis (N.K. Thakare, ed.), Macmillan India, Delhi, pp. 1–83. Russian translation, Usp. Math. Nauk. 45(1) (1990), pp. 33–76. Also Russian Math. Surveys 45:1 (1990), pp. 37–86.

Askey [1989b] is published in q -Series and Partitions (D. Stanton, ed.), Springer, Berlin and New York, pp. 151–158.

Askey [1989c] is published in Part 2, pp. 299–321.

Askey [1989d] is published in Number Theory and Related Topics, Ramanujan Colloquium, Bombay (1988), Oxford Univ. Press, pp. 1–12.

Askey [1989e] is published in Number Theory (K. Alladi, ed.), Lecture Notes in Math. 1395, Springer, Berlin and New York, pp. 84–121.

p. 254: In Askey [1989f] replace “to appear” by “pp. 121–129”.

Askey [1989g] is published in Computers in Mathematics (D. Chudnovsky and R. Jenks, eds.), M. Dekker, New York and Basel (1990), pp. 35–82.

In Askey and Wilson [1979], replace “generalized” by “generalize”.

p. 256: Change “de Branges, L. (1978)” to “de Branges, L. and Trutt, D. (1978)” and add (after New York) “, pp. 1–24”.

p. 261: In Gasper [1985] delete the hyphen that is between ultra and spherical.

Gasper [1989d] is published in q -Series and Partitions (D. Stanton, ed.), IMA Vol. Math. Appl. 18 (1989), Springer, Berlin and New York, pp. 15–34.

Gasper [1989e] is published in Orthogonal Polynomials: Theory and Practice (P. Nevai, ed.), Kluwer Academic Publishers, Boston, 1990, pp. 163–179.

p. 262: Gasper and Rahman [1989a] is published in Canad. J. Math. 42 (1990), 1–27.

In Gasper and Rahman [1989b] change “to appear” to “20, 1270–1282”.

p. 268: Koornwinder [1989a] is published in J. Math. Anal. Appl. 148(1990), 44–54.

Koornwinder [1989b] is published in SIAM J. Math. Anal. 22(1991), 295–311.

In Macdonald [1972] replace “ h -function” by “ η -function”.

p. 269: Milne [1989c] is published in *Theta Functions, Bowdoin 1987*, Part 2 (L. Ehrenpreis and R. Gunning, eds.), Amer. Math. Soc., Providence, R.I., pp. 323–359.

p. 270: Replace “Paule, P. and Rother, W. (1985). ... 1-37.” by “Paule, P. (1985). Ein neuer Weg zur q -Lagrange Inversion, Bayreuther Math. Schriften 18, 1-37.”

- p. 271: In Rahman [1989a] change “to appear” to “Proc. Amer. Math. Soc. 107, 373–381”.
 Rahman [1989b] is published in *International Symposium on Analysis* (N.K. Thakare, ed.), Macmillan India, pp. 117–137.
 In Rahman [1989c] change the title and location to “A note on the orthogonality of Jackson’s q -Bessel functions, *Canad. Math. Bull.* 32(3), 369–376”.
 In Rahman [1989e] change “to appear” to “*Utilitas Mathematica* 36, 161–172”.
 p. 274: In Stanton [1989] delete “*Workshop on*” and replace “to appear” by “pp. 139–149”.
 p. 275: In Wilson [1978] change “polynomials” to “functions” .
 p. 279: Delete “Rother, W., 101, 270” .
 p. 280, below Trjitzinsky: add “Trutt, D., 232, 256”.
 p. 282: Add the line “ $w(x; a, b, c, d|q)$ 174 ” below the line “ $w(x; a, b, c, d)$ 143 ” .
 p. 282, line 3 up: Replace “ $U_n^{(\alpha)}$ ” by “ $U_n^{(a)}$ ” .

The following errata were added (in the order listed) after October 16, 1995:

- p. 88, eq. (3.10.8): Replace “ , a/q^2 ; ” on the right side of the equation by “ , a/qb^2 ; ” .
 p. 57, 232 and 256: Delete the reference to Berndt and Joshi [1983]
 p. 128, eq. (5.3.1): Replace the “ ; ” on the right side of the equation by a “ , ” .
 p. 129, line above eq. (5.3.4): Replace “ very-well-poised ” by “ well-poised ” .
 p. 260: Garvan [1989] is published in *SIAM J. Math. Anal.* 21 (1990), 803–821.
 Garvan and Gonnet [1989] is published in *J. Symbolic Comput.* 14 (1992), 141–177.
 Garvan and Stanton [1989] is published in *Math. Comp.* 55 (1990), 299–311.
 p. 263: Gustafson [1989a] is published in *SIAM J. Math. Anal.* 21 (1990), 510–522.
 Gustafson [1989b] is published in *Ramanujan International Symposium on Analysis* (Pune, 1987), 185–224, Macmillan of India, New Delhi, 1989.
 Habsieger [1989] is published with the title “Laurent Une q -intégrale de Selberg et Askey” (French) [*A q -integral of Selberg and Askey*] in *SIAM J. Math. Anal.* 19 (1988), 1475–1489.
 p. 264: Ismail, Merkes, and Styer [1989] is published in *Complex Variables* 14 [1990], 77–84.
 p. 266: Joichi and Stanton [1989] is published in *Discrete Math.* 73 (1989), 261–271.
 p. 267: Kadell [1989c] is published in *Mem. Amer. Math. Soc.* 108 (1994), no. 516.
 Kalnins and Miller [1989a] is published in *Constructive Function Theory—86 Conference* (Edmonton, AB, 1986), *Rocky Mountain J. Math.* 19 (1989), 223–230.
 Kalnins and Miller [1989b] is published in *SIAM J. Math. Anal.* 19 (1988), 1216–1231.
 In Kirillov and Reshetikhin [1988] change the title and location to “Representations of the algebra $U_q(\mathfrak{sl}(2))$, q -orthogonal polynomials and invariants of links. *Infinite-dimensional Lie algebras and groups* (Luminy-Marseille, 1988), 285–339, *Adv. Ser. Math. Phys.*, 7, World Sci. Publishing, Teaneck, NJ, 1989.”
 p. 268: Krattenthaler [1989a] is published in *Canad. J. Math.* 41 (1989), 743–768.
 Krattenthaler [1989b] is published in *Proc. Amer. Math. Soc.* 124 (1996), 47–59.
 Krattenthaler [1989c] is an unpublished manuscript; a summary of the results in it appeared in: *Einige quadratische, kubische und quartische Summenformeln für q -hypergeometrische Reihen*, *Anzeiger ÖAW math.-naturw. Klasse* 126 (1989), 9–10.
 The second edition of Macdonald [1979] with contributions by A. Zelevinsky is published in *Oxford Mathematical Monographs*, Oxford University Press, Oxford and New York, 1995.
 p. 269: Macdonald [1989] is published in *Orthogonal polynomials* (Columbus, OH, 1989), 311–318, *NATO Adv. Sci. Inst. Ser. C Math. Phys. Sci.*, 294, Kluwer Acad. Publ., Dordrecht, 1990.
 Masuda, Mimachi, Nakagami, Noumi, and Ueno [1989] is published in *J. Funct. Anal.* 99 (1991), 357–386.
 Milne [1989a] is published in *Adv. in Math.* 99 (1993), 162–237.
 Milne [1989b] is published in *Adv. in Math.* 108 (1994), 1–76.
 Mimachi [1989] is published in *Nagoya Math. J.* 116 (1989), 149–161.
 p. 270: O’Hara [1989] is published in *J. Combin. Theory Ser. A* 53 (1990), 29–52.
 p. 271: Rahman [1989d] is published in *Canad. J. Math.* 45 (1993), 394–411.
 In Yang [1989] change the title and location to “Partitions, Inversions, and q -Algebras, *SIAM Proceedings on Graph Theory, Combinatorics, Algorithms, and Applications*, ed. by F.R.K. Chung, R.L. Graham, and D.F. Hsu, (1991), pp. 625–635.”

- p. 276: Zeilberger [1989a] is published in Discrete Math. 79 (1990), 313–322.
 Zeilberger [1989b] is published in Amer. Math. Monthly 96 (1989), 590–602.
 Zeilberger [1989c] is published in J. Comput. Appl. Math. 32 (1990), 321–368.
 Zeilberger [1989d] is published in *q-Series and Partitions* (D. Stanton, ed.), IMA Vol. Math. Appl. 18 (1989), Springer, Berlin and New York, pp. 35–44.
- p. 278: Delete “Joshi, P.T., 57, 232, 256” .
- p. 122, Ex 4.5: Replace “ $(q^{\frac{1}{2}}, q^{\frac{1}{2}}; q)_{\infty}$ ” by “ $(ab, ac, bc, q^{\frac{1}{2}}, q^{\frac{1}{2}}; q)_{\infty}$ ” .
- p. 52, Ex. 2.14 (ii): In the third numerator parameter of the ${}_{12}\phi_{11}$ replace “ $\lambda^{-\frac{1}{2}}$ ” by “ $\lambda^{\frac{1}{2}}$ ” .
- p. 90, eq. (3.10.16): In the last denominator parameter of the ${}_{10}\phi_9$ replace “ q^{2n+1} ” by “ q^{2n+2} ” .
- p. 93, Ex. 3.13, first identity: Replace the argument of the ${}_{10}W_9$ by “ a^2q^3/λ ” .
- p. 93, Ex. 3.13, second identity: In the denominator of the coefficient on the right side of the equation replace “ $(-q, \lambda/a^2; q)_n$ ” by “ $(-q, \lambda/a^2q; q)_n$ ” .
- p. 94, Ex. 3.14: On the right side of the equation replace “ $(\frac{x}{2})^{\nu}$ ” by “ $(\frac{x}{2})^{\nu}$ ” .
- p. 235: In the **q-Binomial coefficient** section it is assumed that n and k are nonnegative integers.
- pp. 247–248, eq. (III.40): In the argument of the ${}_{10}\psi_{10}$ and the ${}_{10}\phi_9$ replace “ q^2 ” by “ q^3 ” . In the denominator of the coefficient on the right side of the equation replace “ $gk, h/g$ ” by “ $gk, k/g, h/g$ ” .
- p. 147, eq. (6.4.10): In the coefficient on the right side of the equation replace “ $\tau d, \sigma/\tau$ ” by “ $\tau d, \tau f, \sigma/\tau$ ” and replace “ $\sigma/d, \tau^2$ ” by “ $\sigma/d, \sigma/f, \tau^2$ ” .
- p. 27, Ex. 1.33, line 4: Insert the factor “ $(-1)^k q^{k(k+1)/2}$ ” after the “=” sign.
- p. 51, Ex. 2.13, first line: Replace “ $|\lambda/a|$ ” by “ $|q\lambda/a|$ ” .
- p. 167, right side of eq. (7.3.5): Replace “ $(q; bq; q)_m$ ” by “ $(q, bq; q)_m$ ” .
- p. 210, (8.7.2): Replace “ $\frac{(-z; q)_n}{(-N; q)_n}$ ” by “ $\frac{(q^{-z}; q)_n}{(q^{-N}; q)_n}$ ” .
- p. 227, second line of Ex. 8.4 (ii): Replace “ $bq^{n+1-x-y}$ ” by “ $bq^{N+1-x-y}$ ” .
- p. 270, lines 11, 13, and 15: Replace “R.” by “M.” .
- p. 116, (4.10.9): Replace “ ${}_Bc_1$ ” by “ ${}_Bc_1$ ” in the numerator of the fraction on the right side of the equals sign.
- p. 82, middle: Replace “Also, the case $d = q^{-n}$ ” by “Also, the case $d = q^{-2n}$ ” .
- p. 109, (4.5.1): Replace “ $; w)_{\infty}$ ” by “ $; q)_{\infty}$ ” .
- p. 3, (1.2.11): Replace “ $\operatorname{Re}(c - a - b)$ ” by “ $\operatorname{Re}(c - a - b)$ ” .
- p. 29, Notes for Ex. 1.2: Replace “over a field with q elements” by “over the field $GF(q)$ with q a prime power”
- p. 63, (3.3.1): In the first ${}_3\phi_2$ replace “ $a, b, c,$ ” by “ a, b, c ” .
- p. 65, (3.4.3): Replace “ ${}_{12}W_{11}[]$ ” by “ ${}_{12}W_{11}()$ ” .
- p. 79, (3.8.5): Replace each of the four “ $; q)_{\infty}$ ” by “ $; q^2)_{\infty}$ ” .
- p. 80, line 4 up: Replace “ $\frac{bdf}{ac^2}$ ” by “ $f, \frac{bdf}{ac^2}$ ” .
- p. 81, line 5 up: Replace “ $(a, b, cq/f; q)_{\infty}$ ” by “ $(a, b, cq/b; q)_{\infty}$ ” .
- p. 82: Delete the period from the end of eq. (3.8.13) and add the phrase “provided d or aq/d is not of the form q^{-2n} , n a nonnegative integer.”
- p. 82, (3.8.15): Replace the fraction in front of the ${}_{10}W_9$ by the fraction

$$\frac{(acq, acq/df; q)_n (acq^{1-n}/d, acq^{1-n}/f; q^2)_n}{(acq/d, acq/f; q)_n (acq^{1-n}, acq^{1-n}/df; q^2)_n} .$$

- p. 87, line 6 up: Replace “Formula (3.10.2)” by “Formula (3.10.3)” . See Gasper [1989c, (3.17)].
- p. 123, line 4 of Ex. 4.11: Replace “ $bq/z; q)_{\infty}$ ” by “ $bq/a; q)_{\infty}$ ” .
- p. 144, line 3 up: Replace “ [1985] ” by “ [1986b] ” .
- p. 229, line 2: Delete “ $0 \leq t < 1$ ” .
- p. 229, line 12: Delete “, Jain and Verma [1981]” .
- p. 182, (7.7.7): Replace “ $q^{-n/2}$ ” by “ $q^{\frac{1}{2}-n}$ ” .

Places which have too much (or too little) space (such as after the multiplication dot in Exercise 2.9) are not included.

This errata is available in .tex, .dvi, and .pdf file forms via the World Wide Web at:
<http://www.math.northwestern.edu/~george/preprints/>

We wish to thank everyone who took the time to send errata. Please send any additional errata to:

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Reviews of this book have appeared in:

Amer. Math. Monthly, 98 (1991), pp. 282–285 (by George E. Andrews).
Bull. London Math. Soc., 23 (1991), pp. 312–313 (by Tom H. Koornwinder).
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Russian translation:

MIR published a Russian translation (by N.M. Atakishiyev and S.K. Suslov) of this book in 1993.

Errata for the Russian translation that are not covered by the errata listed above:

RUSSp. 65: Replace the argument “ $\frac{aq}{ef}$ ” of the first ${}_8\phi_7$ in eq. (2.10.3) by “ $\frac{a^2q^{n+2}}{bcde}$ ”.

RUSSp. 69, line below eq. (2.10.19): Replace “ $cd = abdefgh$ ” by “ $cd = abefgh$ ”.

RUSSp. 293: In the “ ${}_8\phi_7$ ” on the left side of eq. (III.23), replace “ $-aq/b$ ” by “ aq/b ”.