LIST OF PUBLICATIONS of George Gasper (George Gasper, Jr.) (2/16/07 version)

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PUBLICATIONS:

2. On the Littlewood-Paley $g$-function and the Lusin $s$-function, Transactions A.M.S. 134 (1968), 385-403.
3. On a positive trigonometric sum (with R. Askey and J. Fitch), Proceedings A.M.S. 19 (1968), 1507.
30. A characterization of localized Bessel potential spaces and applications to Jacobi and Hankel multipliers (with W. Trebels), Studia Math. 65 (1979), 243-278.
44. Hankel multipliers and extensions to radial and quasi-radial Fourier multipliers (with W. Trebels), Recent Trends in Mathematics (Reinhardsbrunn, 1982), Teubner-Texte zur Math. 50, Teubner, Leipzig (1982), 133-142.

45. Positivity of the Poisson kernel for the continuous $q$-Jacobi polynomials and some quadratic transformation formulas for basic hypergeometric series (with Mizan Rahman), SIAM J. Math. Anal. 17 (1986), 970-999.


70. Solution to Problem 2 (with R. Askey), SIAM Activity Group on Orthogonal Polynomials and Special Functions Newsletter 8 (1) (1997), 18–19.


72. Applications of weighted Laguerre transplantation theorems (with W. Trebels), Methods and Applications of Analysis 6 (1999), 337–346.


76. \( q \)-Analogue of some multivariable biorthogonal polynomials (with M. Rahman), Dev. Math. 13 (2005), 185–208.


81. Using integrals of squares of certain real-valued special functions to prove that the Pólya \( \Xi^*(z) \) function, the functions \( K_{i\varepsilon}(a), a > 0, \) and some other entire functions have only real zeros, to appear.

PUBLISHED PROBLEMS:

1. Problem 2 in the SIAM Activity Group on Orthogonal Polynomials and Special Functions Newsletter 3
(1) (1992); solved and generalized by Askey and Gasper in 8 (1) (1997), 18–19.


LECTURE NOTES:

BOOKS:
