q-Series and Related Topics in Special Functions and Analytic Number Theory

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Basic (or q-) series and basic (or q-) polynomials are known to occur frequently in many diverse fields of mathematical and physical sciences. The recent overwhelming contributions toward the Rogers-Ramanujan, Jacobi's Triple-Product and Macdonald Identities, Mock Theta Functions, Rogers-Ramanujan Continued Fractions, and so on, together with the recent developments involving such basic (or q-) functions of Analytic Number Theory as (for example) the q-Zeta and related functions, cannot be over-emphasized. Thus, naturally, publication of a Special Issue of Axioms featuring invited articles in these and other related areas, especially in the year 2012 in which the world is celebrating the 125th birth anniversary of Srinivasa Ramanujan (1887-1920), would be a rather welcome and important event.

Prof. Dr. Hari M. Srivastava
Guest Editor

Special Issue