



## **WP BAILEY PAIRS AND TRANSFORMATIONS OF $q$ -SERIES**

Ashutosh Singh

Received March 31, 2012

### **Abstract**

In this paper, making use of definition of WP Bailey pair and certain known summation formulae, we have established the transformation formulae for  $q$ -series.

**Keywords and phrases:** Bailey pair, summation formula, transformation formula.

**Pioneer Journal  
of Mathematics  
and Mathematical  
Sciences**



**Pioneer Scientific  
Publisher**