Sunita Nagar*, 2-A-16, Nagar Villa, Bapu Nagar, Bhilwara, and Harish Nagar. Composition of pathway fractional integral operator on generalized k - Wright function.

In this paper, the Pathway Fractional Integral operator is applied to the generalized K-Wright function. This fractional operator when applied to the power multiples of the generalized K-Wright function ${}_{p}\Psi_{q}^{k}$ yields a higher ordered generalized K-Wright function, namely ${}_{(p+1)}\Psi_{(q+1)}^{k}$. One special case of the main results given here is also considered to correspond with known result. (Received September 24, 2018)