

NEW FORMULA 3.196.2

The original formula is

$$\int_u^\infty (x + \beta)^{-\nu} (x - u)^{\mu-1} dx = (u + \beta)^{\mu-\nu} B(\nu - \mu, \mu)$$

it looks better written as

$$\int_u^\infty (x + b)^{-a} (x - u)^{c-1} dx = (u + b)^{c-a} B(a - c, c)$$