NEW FORMULA 3.194.1

The original formula is

$$\int_0^u \frac{x^{\mu-1}\,dx}{(1+\beta x)^\nu} = \frac{u^\mu}{\mu}\,{}_2F_1\left[\nu,\mu;\mu+1;-\beta u\right]$$

It looks better if written as

$$\int_0^u \frac{x^{a-1}\,dx}{(1+bx)^c} = \frac{u^a}{a}\,{}_2F_1\left[c,a;a+1;-ab\right]$$