NEW FORMULA 3.192.2

The original formula is

$$\int_0^1 \frac{x^p \, dx}{(1-x)^{p+1}} = -\frac{\pi}{\sin(\pi p)}$$

it should be replaced by (simply the parameter p is replaced by a)

$$\int_0^1 \frac{x^a \, dx}{(1-x)^{a+1}} = -\frac{\pi}{\sin \pi a}$$