NEW FORMULA 3.248.3

The original formula is

$$\int_0^1 \frac{x^{2n}\,dx}{\sqrt{1-x^2}} = \frac{(2n-1!!}{(2n)!!}\frac{\pi}{2}$$

it should be written as

$$\int_0^1 \frac{x^{2n}\,dx}{\sqrt{1-x^2}} = \frac{\sqrt{\pi}}{2n!}\Gamma\left(n+\tfrac{1}{2}\right) = \frac{(2n-1!!}{(2n)!!}\frac{\pi}{2}$$