

# Integral Tables in CRC (29th edition): Errata

This list contains all known corrections to the integral tables appearing in *Standard Mathematical Tables and Formulae*, W.H. Beyer, CRC, 29th edition, 1991, pages 217–275.

- Integral number 144 : The “ $o$ ” term should be replaced with “0”
- Integral number 334: For the second result, the two expressions should be separated by a plus sign, not a minus sign
- Integral number 422 : The “ $\tan x$ ” term should be replaced with “ $\tan ax$ ”
- Integral number 607 : Needs the constraints:  $n > 0, m > 0$
- Integral number 611 : The constraint “ $p < 1$ ” should be “ $0 < p < 1$ ”
- Integral number 612 : Is incorrect
- Integral number 618 : Needs the constraint:  $a > 0$
- Integral number 619 : Needs the constraints:  $a > 0, m > -1, n > -2$
- Integral number 625 : Needs the constraint:  $a$  is an integer
- Integral number 629 : Needs the constraint:  $m$  is an integer
- Integral number 630 : The “ $\frac{\pi p}{2}$ ” term should be replaced with “ $\frac{\pi|p|}{2}$ ”
- Integral number 633 : The “ $\frac{\pi p}{2}$ ” term should be replaced with “ $\frac{\pi|p|}{2}$ ”
- Integral number 643 : The constraint “ $a < 1$ ” should be “ $|a| < 1$ ”
- Integral number 646 : The “ $\log \frac{b}{a}$ ” term should be replaced with “ $\log \left| \frac{b}{a} \right|$ ”
- Integral number 647 : The “ $\frac{\pi}{2ab}$ ” term should be replaced with “ $\frac{\pi}{2|ab|}$ ”
- Integral number 653 : Needs the constraint:  $m = 0, 1, 2, \dots$
- Integral number 663a: Needs the constraint:  $a > 0$
- Integral number 663b: Needs the constraint:  $a > 0$

- Integral number 666 : Needs the constraints:  $n > -\frac{1}{2}$ ,  $a > 0$
- Integral number 667 : Needs the constraint:  $n > -1$
- Integral number 669 : The “ $a \leq 0$ ” term should be replaced with “ $a \geq 0$ ”
- Integral number 670 : Needs the constraint:  $n > 0$
- Integral number 671 : Needs the constraint:  $n > 0$
- Integral number 677 : Needs the constraint:  $n > -1$
- Integral number 679 : The “ $\frac{\sqrt{\pi}}{2a} e^{-b^2/(4a^2)}$ ” term should be replaced with “ $\frac{\sqrt{\pi}}{2|a|} e^{-b^2/(4a^2)}$ ”
- Integral number 684 : Needs the constraint:  $n > -1$
- Integral number 712 : The “ $\frac{\pi}{2b} \tanh \frac{a\pi}{2b}$ ” term should be replaced with “ $\frac{\pi}{2b} \tanh \frac{a\pi}{2|b|}$ ”
- Integral number 712 : The “ $\alpha$ ” term should be replaced with “ $a$ ”
- Integral number 713 : The “ $\frac{\pi}{2a}$ ” term should be replaced with “ $\frac{\pi}{2|a|}$ ”
- Integral number 714 : Needs the constraint:  $a > 0$
- Integral number 717 : Needs the constraint:  $b > 0$
- Integral number 718 : Needs the constraint:  $b > 0$