

INTEGRALS (Continued)

- 591.
- 592.
- 593.
- 594.
- 595.
- 596.

DEFINITE INTEGRALS

- 597.
- 598.
- 599.
- 600.
- 601. is finite if
- 602.
- 603. if
- 604.
- 605.
- 606.

DEFINITE INTEGRALS (Continued)**607.****608.**, where m and n are any positive real numbers.**609.****610.****611.****612.****613.****614.****615.****616.****617.**, if ; 0, if ; , if**618.****619.**

DEFINITE INTEGRALS (Continued)

620.

621., if ; 0, if ;

622.

623.

624.

625.

626., if is odd, or 0 if is even

627., if or ; , if ; , if

628.

629.

630.

DEFINITE INTEGRALS (Continued)

- 631.
- 632.
- 633.
- 634.
- 635.
- 636.
- 637.
- 638.
- 639.
- 640. (a) (b)
- 641.
- 642.
- 643.
- 644.
- 645.
- 646.
- 647.

DEFINITE INTEGRALS (Continued)

648.

649., m and n positive integers

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651.

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656.

657. The area enclosed by a curve defined through the equation where , c a positive odd integer and b a positive even integer is given by

658., where R denotes the region of space bounded by the co-ordinate planes and that portion of the surface , which lies in the first octant, and where , denote positive real numbers is given by

DEFINITE INTEGRALS (Continued)

659.

660.

661.

662.

663.

663a. Error Function

663b. Complimentary Error Function

664.

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666.

667.

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DEFINITE INTEGRALS (Continued)

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DEFINITE INTEGRALS (Continued)

689.

690.

If replace by .

691.

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698.

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700.

701.

702., (same as integral 686)

703.

704.

705.

10 *CRC Standard Mathematical Tables*
DEFINITE INTEGRALS (Continued)

706.
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708.
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712.
713.
714.
715.
716.
717.
718.
719.
719a.

- 11** *CRC Standard Mathematical Tables*
DEFINITE INTEGRALS (Continued)
- 720.**
721.
722.
723. [Euler's Constant]
724.
 For n even:

725.
726.
 For n odd:

727.
728.