



**INTEGRALS**

## ELEMENTARY FORMS

1.

2.

3. , where

4. , where and are any functions of

5.

6.

7. , except

8. ,

9.

10. ,

11.

12.

13. ,

14.

15. ,

16.

**INTEGRALS (Continued)**

- 17.
- 18.
- 19.
- 20.
- 21.
- 22.

FORMS CONTAINING

For forms containing , but not listed in the table, the substitution may prove helpful.

- 23.
- 24.
- 25.

- 26.
- 27.
- 28.
- 29.
- 30.
- 31.
- 32.
- 33.
- 34.
- 35.
- 36.

**INTEGRALS (Continued)**

- 37.
- 38.
- 39.
- 40.
- 41.
- 42.

FORMS CONTAINING

- 43.
- 44.
- 45.
- 46.
- 47.
- 48.
- 49.
- 50.
- 51.

**INTEGRALS (Continued)**

FORMS CONTAINING and

, ,

If , then

**52.**

**53.**

**54.**

**55.**

**56.**

**57.**

**58.**

**59.**

FORMS CONTAINING

**60.**

**61.**

**INTEGRALS (Continued)**

- 62.
- 63.
- 64.
- 65.
- 66.
- 67.
- 68.
- 69.
- 70.
- 71.
- 72.
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- 79.
- 80.
- 81.
- 82.
- 83.
- 84.
- 85.
- 86.
- 87.



**INTEGRALS (Continued)**

**88.**

FORMS CONTAINING

**89.**

**90.**

**91.**

**92.**

**93.**

**94.**

**95.**

- 96.
- 97.
- 98.
- 99.
- 100.
- 101.

FORMS CONTAINING

- 102.
- 103.
- 104.
- 105.
- 106.
- 107.
- 108.

FORMS CONTAINING

and

If , then , and formulas starting with 23 should be used in place of these.

- 109.



123.

FORMS CONTAINING

124.

125.

126.

127.

128.

129.

130.

131.

132.

133.

- 134.
- 135.
- 136.
- 137.
- 138.
- 139.
- 140.
- 141.
- 142.
- 143.