

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.

INTEGRALS (Continued)

- 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.

- 62.
- 63.
- 64.
- 65.
- 66.
- 67.
- 68.
- 69.
- 70.
- 71.
- 72.
- 73.
- 74.
- 75.

- 76.
- 77.
- 78.
- 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.

- 11 *CRC Standard Mathematical Tables*
INTEGRALS (Continued)
110.
111.
112.
113.
114.
115.
116.
117.
118.;
119.
120.
121.
122.

123.

FORMS CONTAINING

124.

125.

126.

127.

128.

129.

130.

131.

132.

133.

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