

HP-41C Iterative Integrals by Walter Castles  
PPC Calculator Journal Vol 7 N4 P14 May 1980

```
01 LBL "INTEGRL" ;Iterative Integral Program
02 SCI 7
03 RAD
04 SF 27
05 .1713244924
06 STO 01
07 .9324695142
08 STO 02
09 .3607615730
10 STO 03
11 .6612093865
12 STO 04
13 .4679139346
14 STO 05
15 .2386191861
16 STO 06
17 "F(X) IN B?"
18 PROMPT
19 LBL A
20 "SCI<7?, a^b?"
21 PROMPT
22 X<>Y
23 STO 07
24 -
25 2
26 /
27 STO 08
28 1
29 STO 09
30 STO 10
31 0
32 STO 11
33 .09
34 1/X
35 ENTER
36 RND
37 -
38 STO 12
39 LBL 00
40 RCL 07
41 RCL 08
42 +
43 STO 13
44 0
45 STO 00
46 LBL 01
47 6
48 STO 14
49 LBL 02
50 RCL IND 14
51 XEQ 03
52 STO 15
53 RCL IND 14
54 CHS
55 XEQ 03
56 RCL 15
57 +
58 DSE 14
59 RCL IND 14
60 *
61 ST+ 00
62 DSE 14
63 GTO 02
64 RCL 08
65 ST+ 13
66 ST+ 13
67 DSE 10
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68 GTO 01
69 RCL 12
70 RCL 11
71 RND
72 RCL 00
73 RCL 08
74 *
75 STO 11
76 RND
77 VIEW X
78 X=Y?
79 RTN
80 -
81 ABS
82 X<Y?
83 RTN
84 RCL 09
85 ST* 08
86 2
87 *
88 ST/ 08
89 STO 09
90 STO 10
91 GTO 00
92 LBL 03
93 RCL 08
94 *
95 RCL 13
96 +
97 LBL B
98 END

```

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00D9C000F800494E544547524C9D0781A81B1A111711131214
14191214311A19131214161915111412321A13161017161115
171310331A16161112101913181615341A1416171911131913
1416351A1213181611191118161136FA4628582920494E2042
3F8ECF66FC5343493C373F2C20615E623F8E71374112433811
393A103B1A101960836E413C012728403D103002163E03908E
E000033F908E54E000032F40970E908E429200970EB3002892
0D920D970AB2002C2B6E2028423B6E98737885416144852994
0812429508393AB1000428422D40CF67C0000D7C

```

217 BYTES

## HP-41C Iterative Integrals by Walter Castles PPC V7 N4 P14 May 1980

Program Registers Needed: 31

Row 1 (1 - 2)



Row 2 (3 - 5)



Row 3 (5 - 7)



# HP-41C Iterative Integrals by Walter Castles PPC V7 N4 P14 May 1980

Row 4 (8 - 10)



Row 5 (11 - 13)



Row 6 (13 - 15)



Row 7 (15 - 17)



Row 8 (17 - 20)



Row 9 (20 - 22)



Row 10 (23 - 33)



Row 11 (34 - 46)



Row 12 (47 - 55)



Row 13 (55 - 62)



Row 14 (63 - 70)



Row 15 (71 - 82)



Row 16 (83 - 92)



Row 17 (93 - 98)

