

HP-41C Function Integration by Valentin Albillo
PPC Calculator Journal V7 N6 Pg 10 Jul/Aug 1980

```
01 LBL "FI" ;Function Integration Routine
02 "NAME?"
03 AON
04 PROMPT
05 AOFF
06 ASTO 00
07 "N?"
08 PROMPT
09 STO 01
10 "a^b?"
11 PROMPT
12 LBL "FIP" ;Function Integration Programmable
13 STO N
14 -
15 RCL 01
16 /
17 STO O
18 2
19 /
20 ST+ N
21 .6
22 SQRT
23 *
24 STO M
25 CLX
26 STO 02
27 LBL 00
28 RCL N
29 RCL M
30 +
31 XEQ IND 00
32 5
33 *
34 ST- 02
35 RCL N
36 RCL M
37 -
38 XEQ IND 00
39 5
40 *
41 ST- 02
42 RCL N
43 XEQ IND 00
44 8
45 *
46 ST- 02
47 RCL O
48 ST+ N
49 DSE 01
50 GTO 00
51 RCL 02
52 *
53 18
54 /
55 CLA
56 END
```

0066C000F3004649F54E414D453F8C8E8B9A00F24E3F8E31F4
615E623F8EC000F40046495091764121439177124392761A16
524291757732019076907540AE80154293029076907541AE80
154293029076AE8018429302907792769701B1002242111843
87C0000DDE

102 BYTES

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Program Registers Needed: 15

Row 1 (1 - 3)



Row 2 (4 - 10)



Row 3 (10 - 15)



Row 4 (16 - 24)



Row 5 (25 - 34)



Row 6 (34 - 42)



Row 7 (42 - 49)



Row 8 (50 - 56)

