

HP-41C Numerical Integration by Geoff Smith
PPC Calculator Journal V7 N5 Pg 7 June 1980

```
01 LBL "NI" ;Numerical Integration Program
02 "FN NAME?"
03 AON
04 STOP
05 AOFF
06 ASTO 00
07 "X1?"
08 PROMPT
09 STO 01
10 XEQ IND 00
11 STO 04
12 "X2?"
13 PROMPT
14 RCL 01
15 -
16 "N? <EVEN>"
17 PROMPT
18 STO 03
19 /
20 STO 02
21 ST+ 01
22 SF 03
23 DSE 03
24 LBL 01
25 RCL 01
26 XEQ IND 00
27 ENTER ;Lines 27-31
28 + ;from NOP
29 ENTER ;V7 N6 P3
30 FS? 03 ;July-Aug
31 + ;1980
32 FC?C 03
33 SF 03
34 ST+ 04
35 RCL 02
36 ST+ 01
37 DSE 03
38 GTO 01
39 RCL 01
40 XEQ IND 00
41 RCL 04
42 +
43 RCL 02
44 *
45 3
46 /
47 END
```

005BC000F3004E49F8464E204E414D453F8C848B9A00F35831
3F8E31AE8034F358323F8E2141F94E3F203C4556454E3E8E33
43329201A80397030221AE80834083AC0340AB03A803920422
92019703B20021AE80244022421343C0000D7A

91 BYTES

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Program Registers Needed: 13

Row 1 (1 - 2)



Row 2 (2 - 9)



Row 3 (10 - 16)



Row 4 (16 - 21)



Row 5 (22 - 30)



Row 6 (31 - 38)



Row 7 (38 - 47)

