

HP-41C Volume Calculation by Valentin Albillo
PPC Calculator Journal V7 N6 P11 Jul/Aug 1980

```
01 LBL "VOLUME" ;Volume Calculation
02 "NAME?"
03 AON
04 PROMPT
05 AOFF
06 ASTO 03
07 "AUX"
08 ASTO 00
09 2
10 STO 01
11 "X1^X2?"
12 PROMPT
13 XEQ "FIP" ;Function Integration Programmable (Line 12)
14 PI
15 *
16 FIX 4
17 "VOLUME="
18 ARCL X
19 AVIEW
20 RTN
21 LBL "AUX" ;Auxiliary Function
22 XEQ IND 03
23 X^2
24 END
```

0047C000F700564F4C554D45F54E414D453F8C8E8B9A03F341
55589A001231F658315E58323F8E1EF346495072429C04F756
4F4C554D453D9B737E85C000F400415558AE8351C0000DB1

71 BYTES

HP-41C Catenary Equation by Valentin Albillo
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```
01 LBL "CATEN" ;Catenary Curve Equation Example
02 3
03 /
04 E^X
05 ENTER
06 1/X
07 +
08 1.5
09 *
10 END
```

0016C000F600434154454E134355836040111A1542C0000D54

22 BYTES

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Program Registers Needed: 11

Row 1 (1 - 2)



Row 2 (2 - 8)



Row 3 (8 - 13)



Row 4 (13 - 17)



Row 5 (17 - 21)



Row 6 (22 - 24)



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Program Registers Needed: 4

Row 1 (1 - 5)



Row 2 (6 - 10)



