

HP-41C Ulam's Conjecture #1 by Robert G. Wilson
PPC Calculator Journal V9 N4 Pg 65 May-Jul 1982

```
01 LBL "CONJ" ;Ulam's Conjecture Program #1
02 XROM 26,28 ;TIME
03 XROM 29,20 ;PRX
04 CLRG
05 STO 05
06 FIX 0
07 0
08 STO 00
09 LBL 00
10 0
11 STO 02
12 RCL 00
13 INT
14 2
15 *
16 1
17 +
18 STO 01
19 PSE
20 LBL 01
21 XROM 29,20 ;PRX
22 ISG 02
23 "" ;F0
24 2
25 -
26 FRC
27 X=0?
28 GTO 02
29 LASTX
30 6
31 *
32 1
33 +
34 XROM 29,20 ;PRX
35 ISG 02
36 "" ;F0
37 2
38 /
39 GTO 01
40 LBL 02
41 LASTX
42 1
43 X<>Y
44 X#Y?
45 GTO 01
46 RCL 04
47 RCL 02
48 X=Y?
49 GTO 03
50 STO 04
51 RCL 01
52 STO 03
53 LBL 03
54 VIEW 02
55 STOP
56 ISG 00
57 "" ;F0
58 GTO 00
59 FIX 6
60 XROM 26,28 ;TIME
61 XROM 29,20 ;PRX
62 RCL 05
63 HMS-
64 STO 05
65 XROM 29,16 ;PRREG
66 OFF
67 LBL 05
```

68 1
69 -
70 2
71 /
72 STO 00
73 GTO 00
74 END

0066C000F500434F4E4AA69CA7548A359C0010300110322068
12421140318902A7549602F012416967B3007616421140A754
9602F01243B2000376117179B200242278B400342133049802
849600F0B1009C06A69CA754254A35A7508D061141124330B1
00C0000D26

102 BYTES

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Program Registers Needed: 15

Row 1 (1 - 4)



Row 2 (5 - 16)



Row 3 (17 - 27)



Row 4 (28 - 37)



Row 5 (38 - 48)



Row 6 (49 - 58)



Row 7 (58 - 66)



Row 8 (67 - 74)

