**Figure 13.1:**

0:[0 1 1] s SEQ:

```
    1   1   1   1   1   1   1   1   1   1   1 ...
  1   2   3   4   5   6   7   8   9  10  11  12 ...
0   1   3   6  10  15  21  28  36  45  55  66  78 ...

0   1   0   1   0   1   0   1   0   1   0   1   0 ...
```

**Figure 13.2:**

0:[0 1 1] s SEQ:

```
    1   1   1   1   1   1   1   1   1   1   1 ...
  1   2   3   4   5   6   7   8   9  10  11  12 ...
0   1   3   6  10  15  21  28  36  45  55  66  78 ...

0   1   0   1   0   1   0   1   0   1   0   1   0 ...
```

0:[0 6 9] s SEQ:

```
    9   9   9   9    9    9    ...
  6  15  24  33  42   51   60    ...
0   6  21  45  78  120  171  231   ...

0   1   0   1   0    1    0    1   ...
```

**Figure 13.3:**

```
0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 ...  < core >
0     1     0     1     0     1     0     1     0     1     0     1     0     1     0     1     0     1 ...  < undersample by 3 >
0         1         0         1         0         1         0         1         0         1         ...  < undersample by 5 >
0             1             0             1             0             1             0             1   ...  < undersample by 7 >
etc...
```

**Figure 13.4:**

```
++++++++++ 32. s SEQ Search, Bottom-Up, PVA, Menu ++++++++
      r SEQ data len: 16384

   -- s SEQ search params --
3210. range: p0r p1r p2r = 10 10 10

   -- s SEQ aperiodicity analysis params --
3214. block length (beg, end)  = 2 128
3215. u SEQ length, max        = 2048

   -- s SEQ show params --
3220. cand failed: NO
3222. CORE & CAN CONJ APER: YES
3224. CORE & CANNOT CONJ APER: NO
3226. FWD-ITER-DRV & CAN CONJ APER: YES
3228. FWD-ITER-DRV & CANNOT CONJ APER: NO
3230. MOD 3 BIT PLANE ONLY: NO
3232. show s SEQ aperiodicity analysis result rationale
3234. show s SEQ search stats

   -- Misc controls --
3240. search entire space for s SEQs

3270. Search r SEQ for PVA s SEQs
-------------------------------------
Command? 3210
range: p0 p1 p2? 0 8 18

Command? 3232

Command? 3270

0000. 0 : [0 1 1] : FIRE! [len = 181]; CORE; CAN CONJ APERIODIC
0001. 0 : [0 4 4] : FIRE! [len = 91]; CORE; CAN CONJ APERIODIC
0002. 0 : [0 6 9] : FIRE! [len = 61]; CORE; CAN CONJ APERIODIC
0003. 0 : [0 8 9] : FIRE! [len = 60]; CORE; CAN CONJ APERIODIC

    ----- PVA s SEQ Search Stats -----
CA := 'conjecture aperiodic'
number of s SEQ cands    = 40
number of s SEQs found   = 6
  core         = 6 (can CA = 4 ; cannot CA = 2)
  fwd-iter-drv = 0 (can CA = 0 ; cannot CA = 0)
  mod 3 BP (yes = 1 ; no = 5)
number of s SEQs shown   = 4
```