```
> s := [6, 6, 30, 30];
```

$$s := [6, 6, 30, 30] \quad (1)$$

```
> s[3]
```

$$30 \quad (2)$$

```
> o := Matrix([[5, 0, 0, 0],
   [5, 1, 0, 0],
   [11, 0, 0, 0],
   [7, 11, 0, 0]]);
```

$$o := \begin{bmatrix} 5 & 0 & 0 & 0 \\ 5 & 1 & 0 & 0 \\ 11 & 0 & 0 & 0 \\ 7 & 11 & 0 & 0 \end{bmatrix} \quad (3)$$

```
> o[4, 2];
```

$$11 \quad (4)$$

```
> # The first prime of the constallations will be s[i]·k+o[i,j]
> # i-tuples of the j th kind.
> t := rtable(1..4, 1..4, 1..6):
> t(2, 1, 2) := 2:
> # The twin prime pattern is now entered.
> t(3, 1, 2) := 2: t(3, 1, 3) := 6:
> # 3 tuples of the first kind have been entered
> t(3, 2, 2) := 4: t(3, 2, 3) := 6:
> # 3 tuples of the second kind have been entered
> t(4, 1, 2) := 2: t(4, 1, 3) := 6: t(4, 1, 4) := 8:
> #4 tuples of the first kind have been entered
> t[4, 1, 2]
```

$$2 \quad (5)$$

```
> maxnum := 200:
> i := 2: j := 1:
> # i and j specify i-tuples of the j th kind
> for a from 0 by s[i] to maxnum do
   primesofar := true:
   b := 1:
   while primesofar = true and b ≤ i do
   if isprime(a + o[i, j] + t[i, j, b]) then b := b + 1: else primesofar := 0: end if:
   end do:
   if b = i + 1 then printf("%12d ", a + o[i, j]): end if:
   end do:
           5          11          17          29          41
          59          71         101         107         137
         149         179         191         197
> a
```

$$204 \quad (6)$$

```
>
```