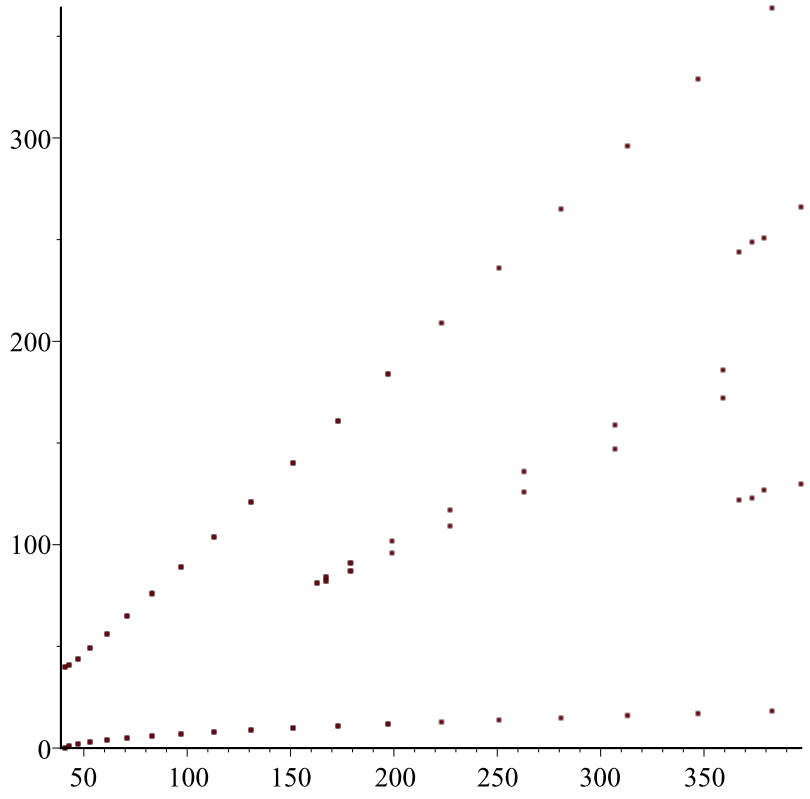
```
> # 3-2-2019
> # prime producing polynomial
> # h:=n^2 + n + 41 :
> x := Vector[row](100) :
> y := Vector[row](100) :
> counter := 1 :
> for a from 2 to 500 do
  for b from 0 to a - 1 do
  if mod(b^2 + b + 41, a) = 0 then
  x[counter] := a :
  y[counter] := b :
  counter := counter + 1 :
  end if;
  end do:
  end do:
```

Error, Vector index out of range

```
> counter
```

$$101 \qquad (1)$$

```
> plot(x[1..92], y[1..92], style=point, symbol=point)
```



```
> save x, "xdat41.txt"
> save y, "ydat41.txt"
>
```