

Beispiel 1

Berechne $P(x) = A_3x^3 + A_2x^2 + A_1x + A_0$ für $x_i = x_0 + ih$
 ($i=0,1,\dots$) mit der Schrittweite h und drucke $x_i, P(x_i)$
 2 - spaltig aus.

Speicherplan:

Nr.d.Zelle	Inhalt
1000	x_0
1002	h
1004	A_3
1006	A_2
1008	A_1
1010	A_0
1012	x_0
1014	x zur Ausgabe
1016	$P(x)$
1018	ω -Doppelwort

Programm (ab 2000 speichern):

```

7200 0 00
1000 0 31
1012 0 32
1004 0 31
1012 0 37
1006 0 35
1012 0 37
1008 0 35
1012 0 37
1010 0 35
1016 0 20
1012 0 31
1014 0 20
7800 0 00
1014 0 68
1015 0 68
1016 0 68
1017 0 68
1002 0 35
1012 0 32
2003 0 12

9999 9 99
9999 9 99
    
```

Koeffizientenstreifen (ab 1000 speichern):

```

+.0000000000/00
+.1000000000/50
-.5000000000/49
+.2400000000/50
-.1342000000/52
0 0000000000 00
0 0000000000 00
0 0000000000 00
    
```

Formatstreifen:

[.)))))))] [)] [.)))))))] [)]

Ergebnis:

+ .000000000	-50	- .000000000	-50
+ .100000000	+00	- .1339650000	+01
+ .200000000	+00	- .2674800000	+01
+ .300000000	+00	- .4005750000	+01
+ .400000000	+00	- .5332800000	+01
+ .500000000	+00	- .6656250000	+01
+ .600000000	+00	- .7976400000	+01
+ .700000000	+00	- .9293550000	+01
+ .800000000	+00	- .1060800000	+02
+ .900000000	+00	- .1192005000	+02
+ .100000000	+01	- .1323000000	+02
+ .110000000	+01	- .1453815000	+02
+ .120000000	+01	- .1584480000	+02
+ .130000000	+01	- .1715025000	+02
+ .140000000	+01	- .1845480000	+02
+ .150000000	+01	- .1975875000	+02
+ .160000000	+01	- .2106240000	+02
+ .170000000	+01	- .2236605000	+02
+ .180000000	+01	- .2367000000	+02
+ .190000000	+01	- .2497455000	+02
+ .200000000	+01	- .2628000000	+02
+ .210000000	+01	- .2758665000	+02
+ .220000000	+01	- .2889480000	+02
+ .230000000	+01	- .3020475000	+02
+ .240000000	+01	- .3151680000	+02
+ .250000000	+01	- .3283125000	+02
+ .260000000	+01	- .3414840000	+02
+ .270000000	+01	- .3546835000	+02
+ .280000000	+01	- .3679200000	+02
+ .290000000	+01	- .3811905000	+02
+ .300000000	+01	- .3945000000	+02
+ .310000000	+01	- .4078515000	+02
+ .320000000	+01	- .4212480000	+02
+ .330000000	+01	- .4346925000	+02
+ .340000000	+01	- .4481880000	+02
+ .350000000	+01	- .4617375000	+02
+ .360000000	+01	- .4753440000	+02
+ .370000000	+01	- .4890105000	+02
+ .380000000	+01	- .5027400000	+02
+ .390000000	+01	- .5165355000	+02
+ .400000000	+01	- .5304000000	+02
+ .410000000	+01	- .5443365000	+02
+ .420000000	+01	- .5583480000	+02
+ .430000000	+01	- .5724375000	+02
+ .440000000	+01	- .5866080000	+02
+ .450000000	+01	- .6008625000	+02
+ .460000000	+01	- .6152040000	+02
+ .470000000	+01	- .6296355000	+02
+ .480000000	+01	- .6441600000	+02
+ .490000000	+01	- .6587805000	+02
+ .500000000	+01	- .6735000000	+02

Rechnung von Hand gestoppt.