

Beispiel 2

Programm:

< BERECHNE $X[N+2]=3 \cdot X[N+1]-2 \cdot X[N]$ ($N=0,1,2,\dots$), $X[0]=0$, $X[1]=1$

UND DRUCKE: $X[N]$, $Q[N]=X[N+2]/X[N]$

SPEICHERPLAN: (2000/1)=2, (2002/3)=3,
(2004/5)= $X[N]$, (2006/7)= $X[N+1]$,
(2008/9)= $X[N+2]$, (2010/11)= $Q[N]$,
2012=HILFSZELLE

AB 1000 SPEICHERN;

KOEFF.:

+1.0000000000/51

BEFEHLE:

7200 0 00

1000 0 31

2006 0 32

1000 0 35

2000 0 32

1000 0 35

2002 0 32

8113 0 00

2004 0 32

2004 0 68

2005 0 68

2000 0 37

2012 0 32

2006 0 31

2002 0 37

2012 0 36

2008 0 32

2006 0 38

2010 0 32

2010 0 68

2011 0 68

2006 0 31

2004 0 32

2008 0 31

2006 0 32

2004 0 31

1011 0 12

9999 9 99

9999 9 99

Formatstreifen:

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Ergebnis:

+ .0000000000/51	+ .3000000000/51
+ .1000000000/51	+ .2333333333/51
+ .3000000000/51	+ .2142371428/51
+ .7000000000/51	+ .2066666666/51
+ .1500000000/52	+ .2032258064/51
+ .3100000000/52	+ .20158730158/51
+ .6300000000/52	+ .20078740157/51
+ .1270000000/53	+ .20039215686/51
+ .2570000000/53	+ .2001959471/51
+ .5110000000/53	+ .20009775171/51
+ .1023000000/54	+ .20004885197/51
+ .2047000000/54	+ .20002442002/51
+ .4095000000/54	+ .20001220852/51
+ .8191000000/54	+ .20000610388/51
+ .1638300000/55	+ .20000305185/51
+ .3276700000/55	+ .20000152990/51
+ .6553500000/55	+ .20000076294/51
+ .13107100000/56	+ .20000038147/51
+ .26214300000/56	+ .20000019073/51
+ .52428700000/56	+ .20000009536/51
+ .10485750000/57	+ .20000004768/51
+ .20971510000/57	+ .20000002384/51
+ .41943030000/57	+ .20000001192/51
+ .83886070000/57	+ .20000000996/51
+ .16777215000/58	+ .20000000298/51
+ .33554431000/58	+ .20000000149/51
+ .67108863000/58	+ .20000000074/51
+ .13421772700/59	+ .20000000037/51
.	.
.	.
.	.
+ .13937965736/93	+ .20000000000/51
+ .27875931472/93	+ .20000000000/51
+ .55751862944/93	+ .20000000000/51
+ .11150372588/94	+ .20000000000/51
+ .22300745176/94	+ .20000000000/51
+ .44601490352/94	+ .20000000000/51
+ .89202980704/94	+ .20000000000/51
+ .17840596140/95	+ .20000000000/51
+ .35681192280/95	+ .20000000000/51
+ .71362384560/95	+ .20000000000/51
+ .14272476912/96	+ .20000000000/51
+ .28544953824/96	+ .20000000000/51
+ .57089907648/96	+ .20000000000/51
+ .11417981529/97	+ .20000000000/51
+ .22835963058/97	+ .20000000000/51
+ .45671926116/97	+ .20000000000/51
+ .91343852232/97	+ .20000000000/51
+ .18268770446/98	+ .20000000000/51
+ .36537540892/98	+ .20000000000/51
+ .73075031784/98	+ .20000000000/51
+ .14615016356/99	+ .20000000000/51
+ .29230032712/99	

Rechnung durch Bereichsüberschreitung gestoppt.