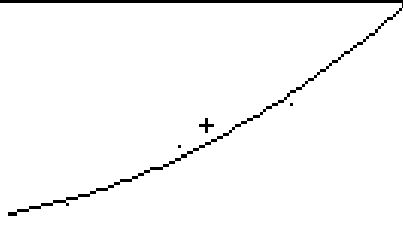
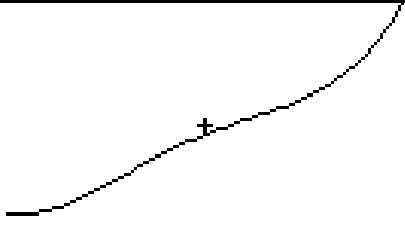


STATFIT

<p>Fitex: examples for linear or nonlinear fits</p> <p>Linp: linear parameter fit and standard deviation (4s)</p>	<pre> 5: 4: 3: 2: 1: Choose fit example Linp1: * 'a1*x^2+a2*x+ Linp2: * 'a1*SIN(x)+a2 Nlinp1: * 'a1*x+a2*EXP Nlinp2: * 'a1*SIN(a2*x CANCEL OK </pre>	<pre> 5: 4: 3: 2: 1: [1 1] [2 5] [.5 .5] [3 8] [4 15] a1*x^2+a2*x+a3 .7827121333*x^2+.56740682*x+-.5 .561008353521 Polym+Sdev Sdev Lpar EQ PFAR </pre>
<p>Linp: linear parameter fit and standard deviation (5s)</p> <p>Polyn: generates polynomial</p> <p>Linp: same fit with higher order polynomial (7s)</p>	<pre> 5: 4: 3: 2: 1: [0 -3] [1 -1] [2 1] [3 .5] [4 0] [5 -2] a1*SIN(x)+a2*COS(x)+a3 .818317162053*SIN(x)+-1.811223 .367090337736 Sdev EQ Lpar EQAT Fitex Linp </pre>	<pre> 5: 4: 3: 2: 1: a4*x^4+a3*x^3+a2*x^2+a1*x+a0 .5238095334*x^4+-4.40476204*x^3+ 1.53641639952E-6 Polym+Sdev Sdev Lpar EQ PFAR </pre>
<p>FSplot: scatter and function plot (6s)</p> <p>polynomial of 2. degree</p> <p>polynomial of 4 degree</p>		
<p>Nlinp: nonlinear parameter fit with start values and Sdev (11s)</p> <p>second example (34s)</p>	<pre> 7: 6: 5: 4: 3: 2: 1: [0.00 0.80] [1.00 -1.40] [3.00 -2.00] a1*x+a2*x^3 (1.00 1.00 1.00) 0.80*x^0.73*-3.06*x 6.36E-11 Polym+Sdev Sdev Lpar EQ PFAR </pre>	<pre> 5: 4: 3: 2: 1: [0.00 -1.50] [2.00 0.50] [3.00 1.00] [6.00 -1.00] [9.00 -3.00] a1*SIN(a2*x)+a3 (2.00 0.50 1.00) 2.01*SIN(0.50*x)-1.19 0.20 Polym+Sdev Sdev Lpar EQ PFAR </pre>