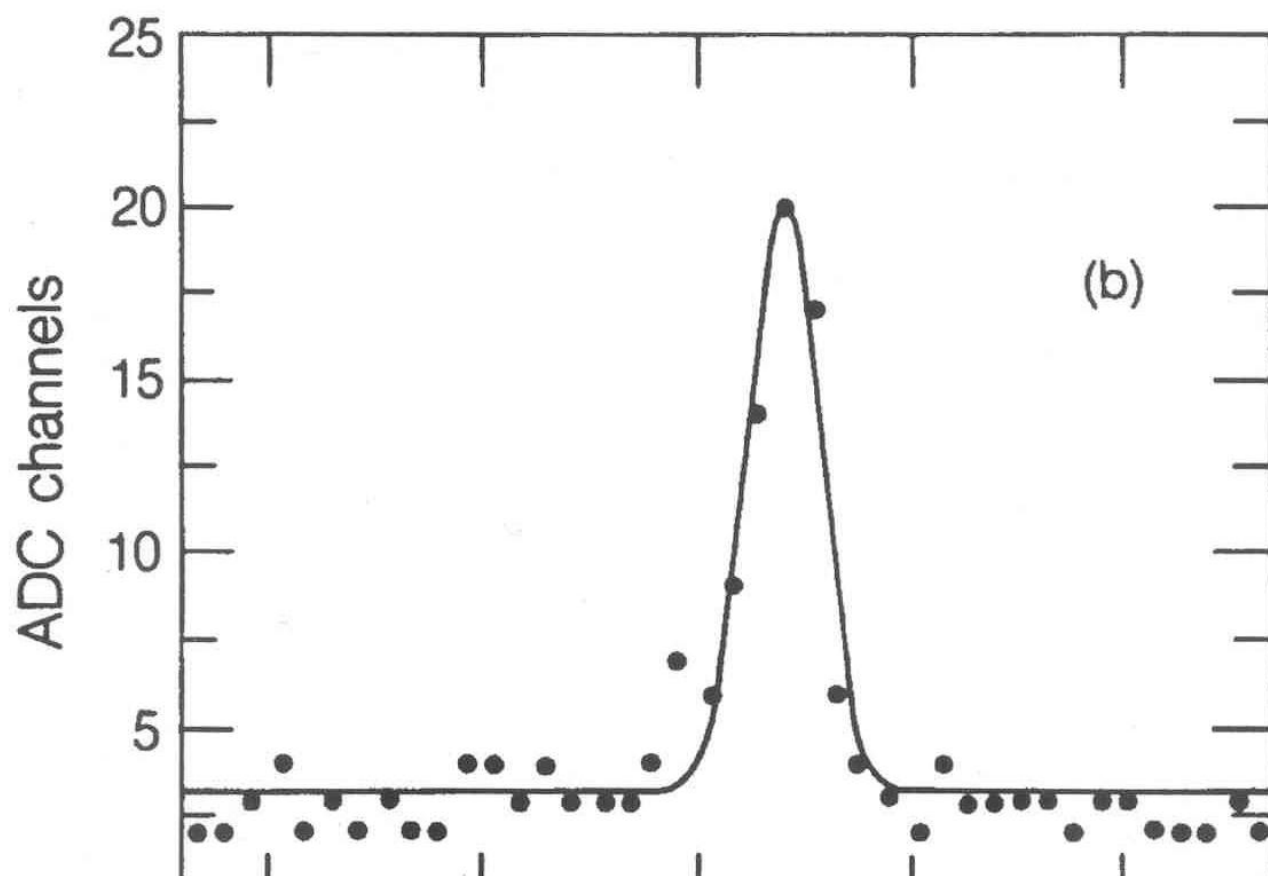
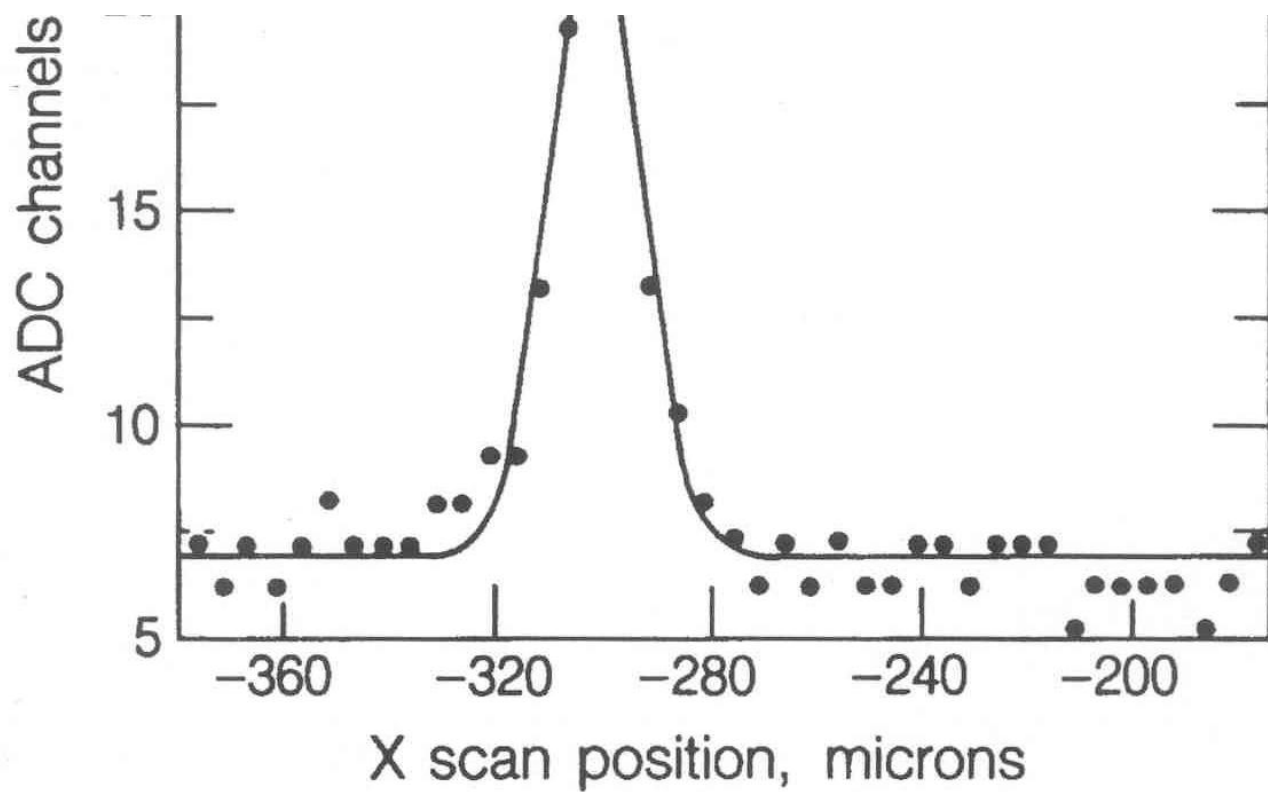
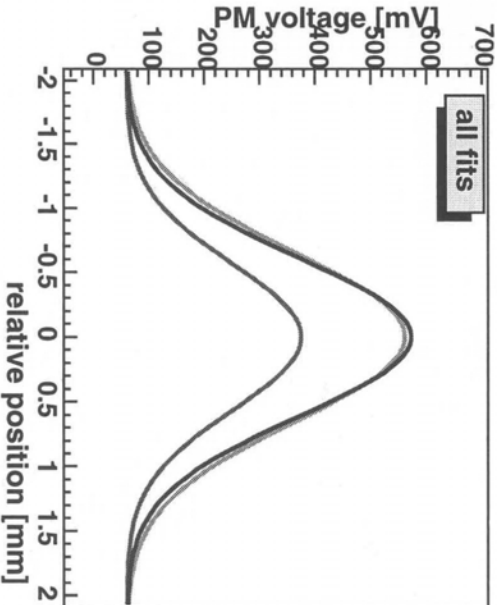
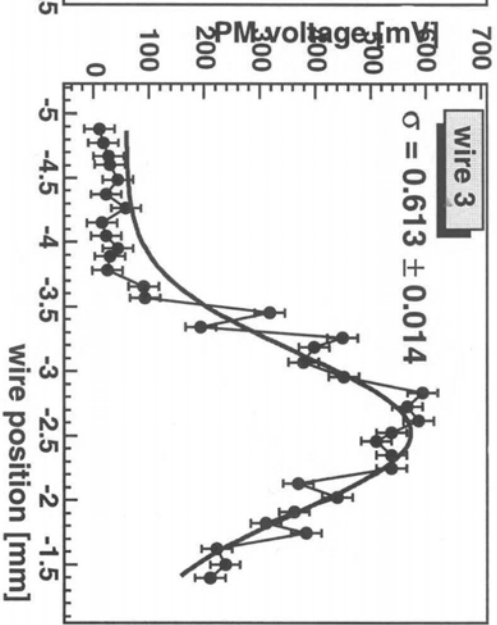
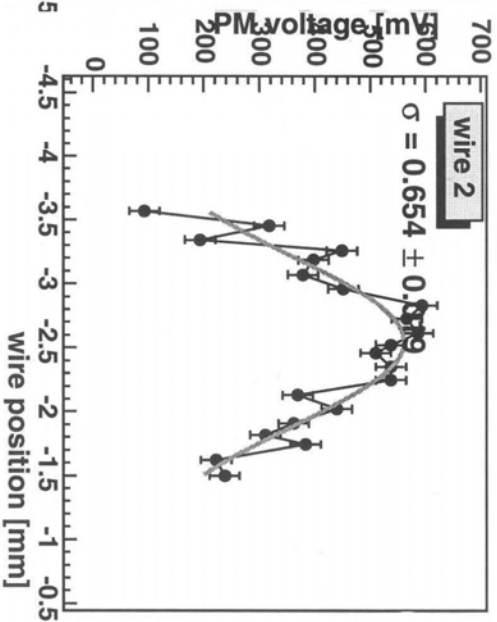
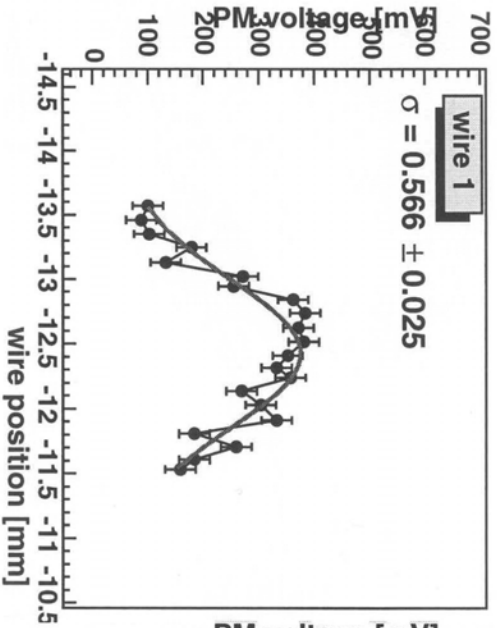
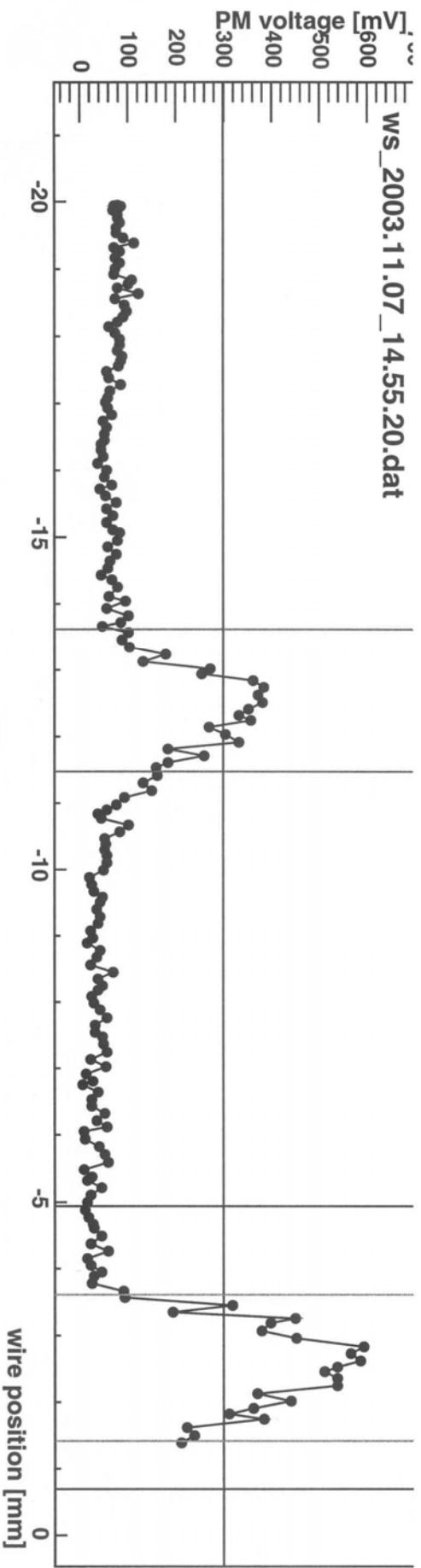


The convolution machine. This is a flow diagram showing how each sample in the output signal is influenced by the input signal and impulse response.





Scan: total number of points = 199, rejected = 0
 Noise: number of points selected = 143 noise level = 59.56 mV
 (RMS = 27.36 mV)
 Fit: $g(x) = o + h \exp[-\frac{(x-p)^2}{2\sigma^2}]$

	σ (sigma) [mm]	p (position) [mm]	o (offset) [mV]	h (peak height) [mV]
wire 1	0.566 ± 0.025	-12.43	59.563	315.79
wire 2	0.654 ± 0.019	-2.55	59.563	501.81
wire 3	0.613 ± 0.014	-2.52	59.563	513.14
average	0.611 ± 0.020		59.563	443.580
w. aver.	0.617 ± 0.010			

w2-w1=9.877 mm w3-w2=0.024 mm