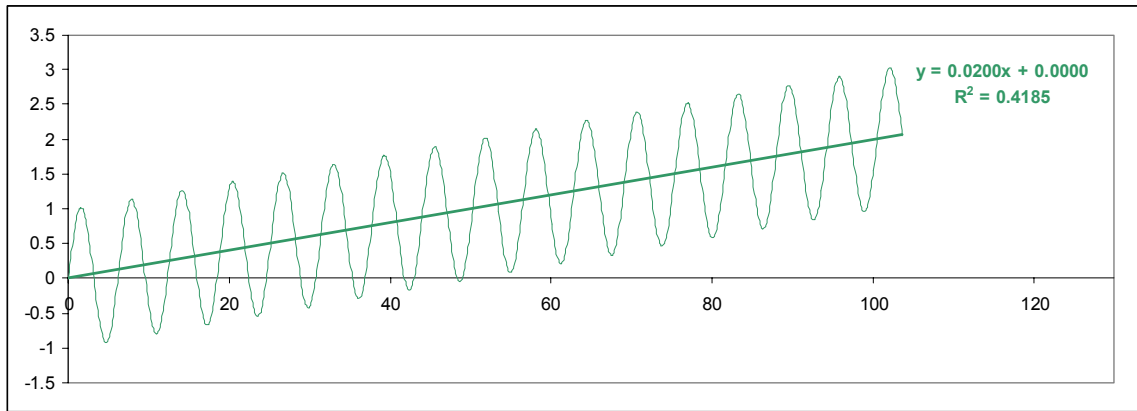
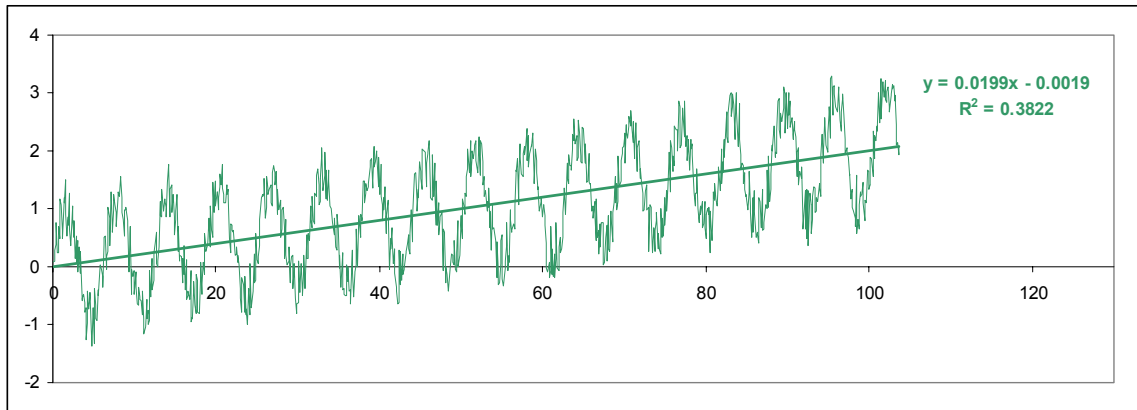


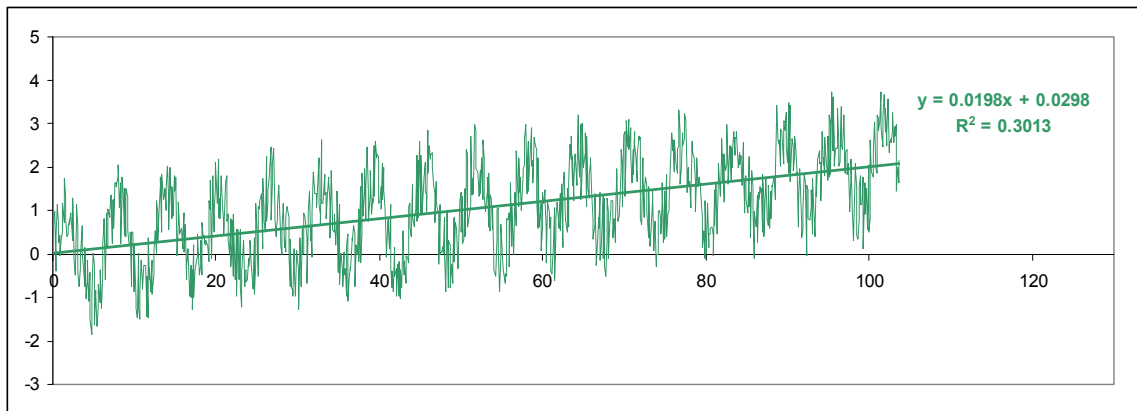
Noise = 0:



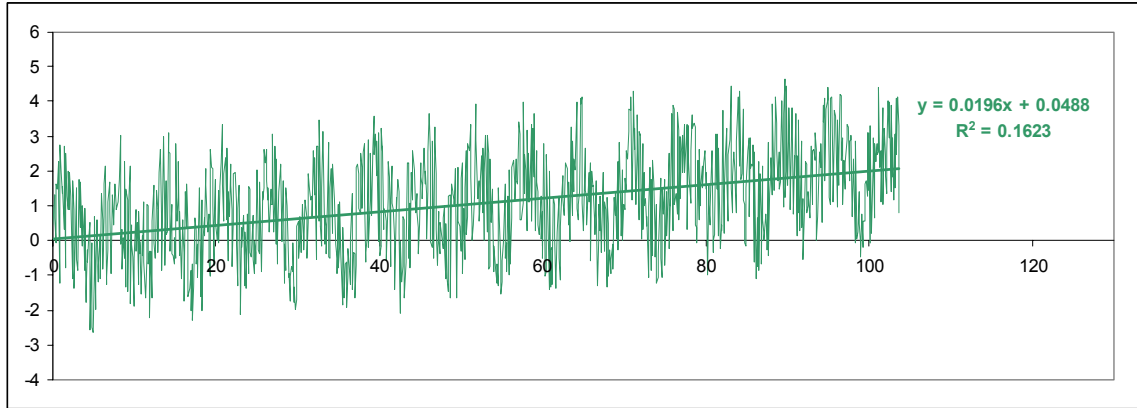
Noise = 1:



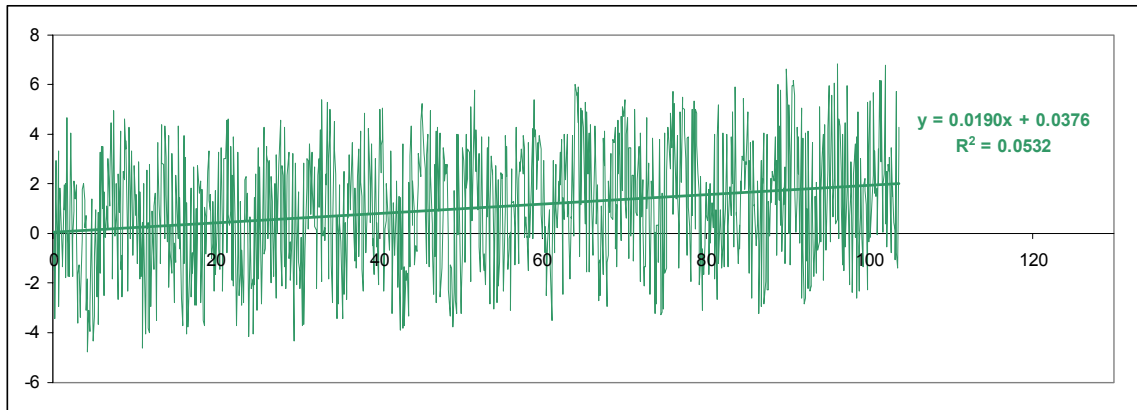
2:



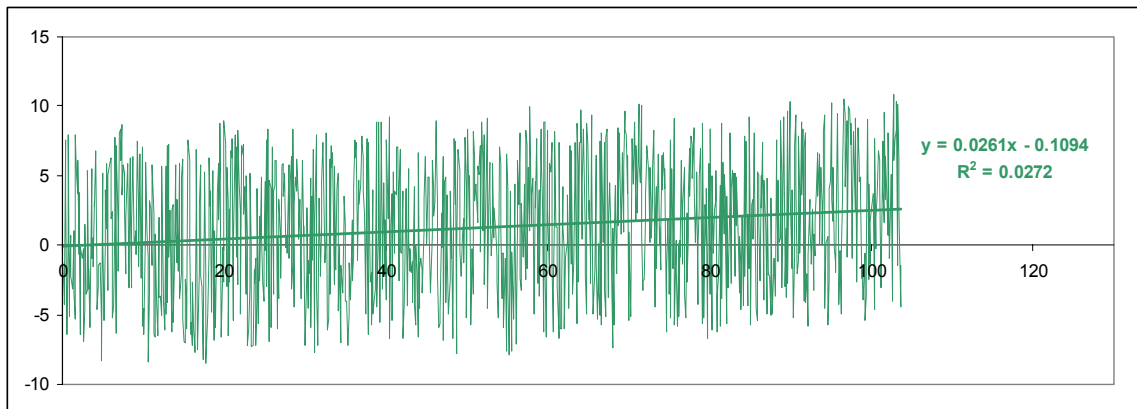
4:



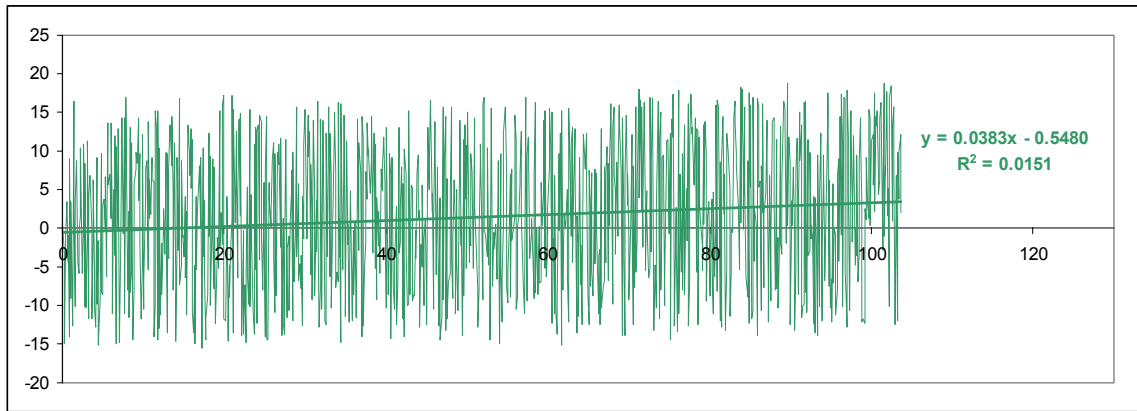
8:



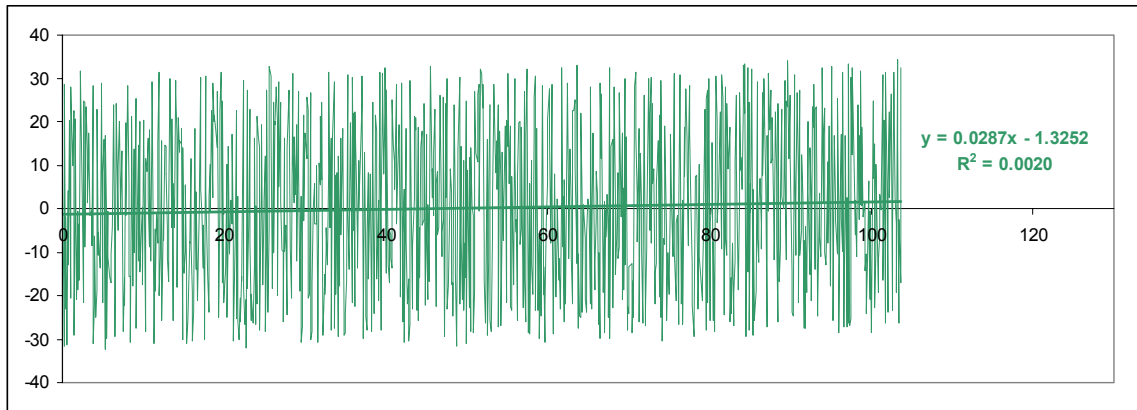
16:



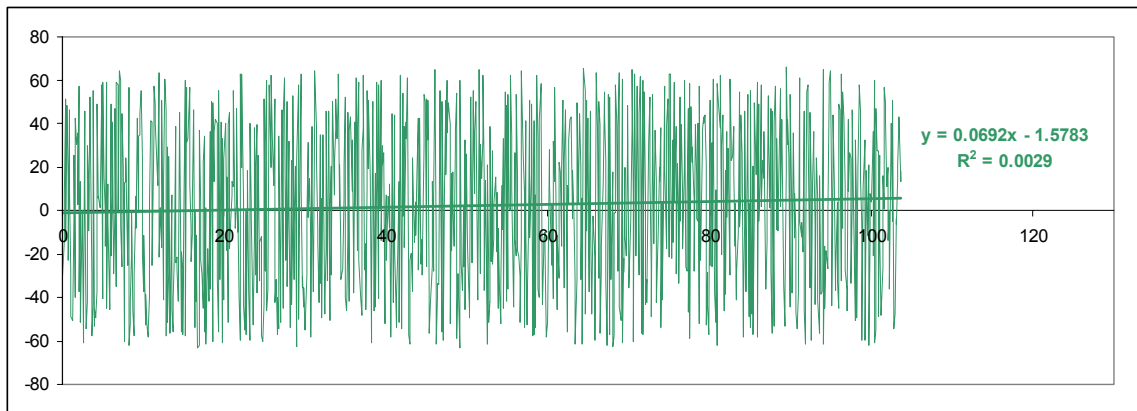
32:



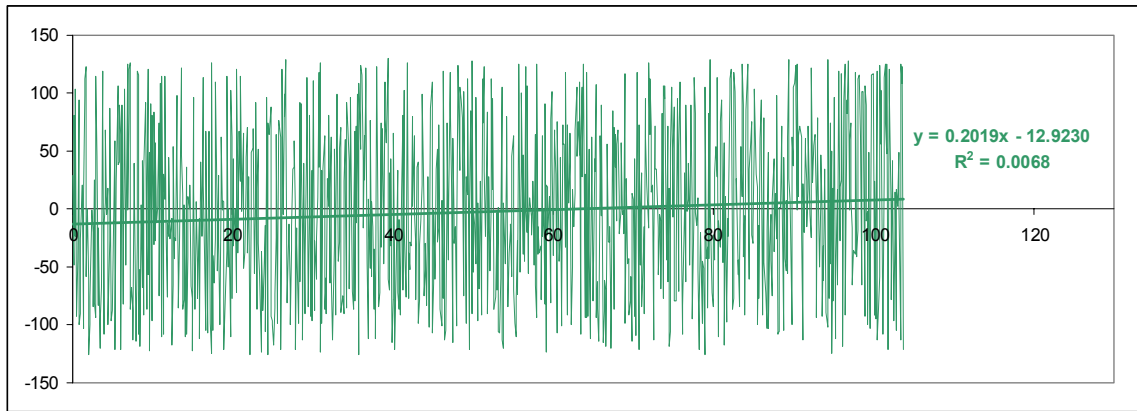
64:



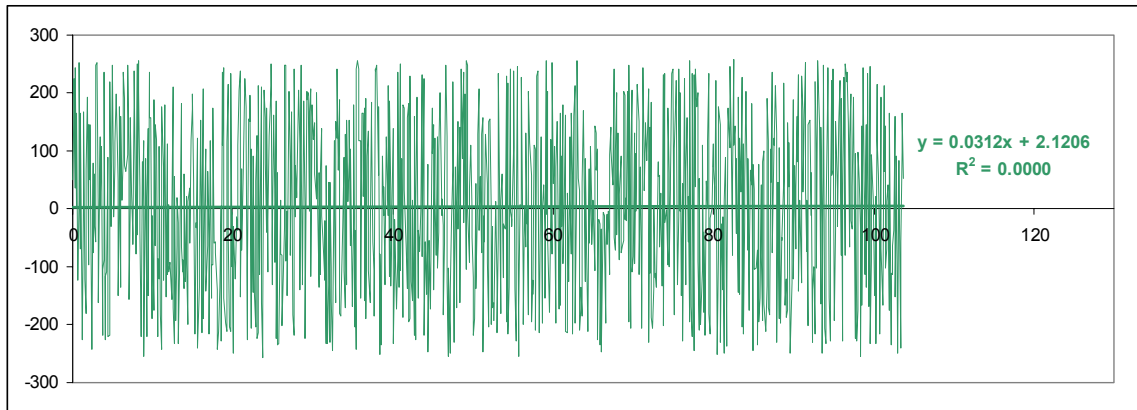
128:



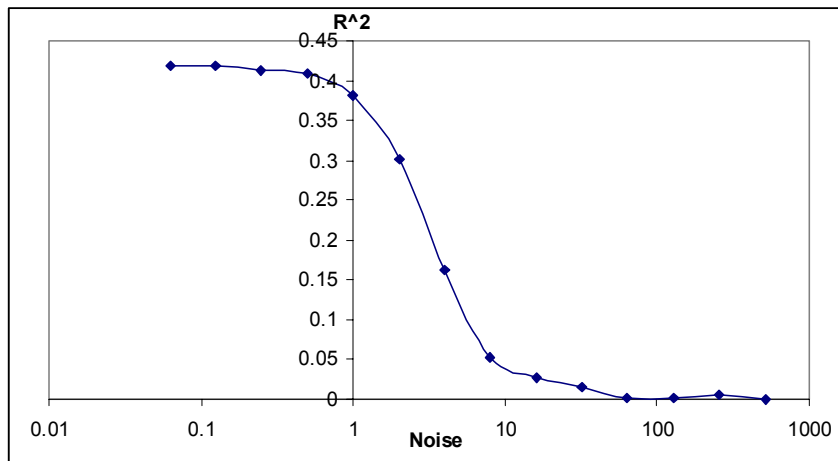
256:



512:



R^2 as a function of the noise:



It is clear that at a noise of about 3 we begin to lose the trend.