



Let X represent an input voltage from a sensor with a non linear output.

The Range that X falls within is used as an address pointer to a Table value.

Example: If X = 4 [volts] then table addr4 holds value [Y=1]

Example: If X = 6 {volts} then table addr6 holds value [Y=4]

The above curve is approximated with 6 chords. [ 6 table values]

The greater the number of chords the greater the accuracy of the approximation.