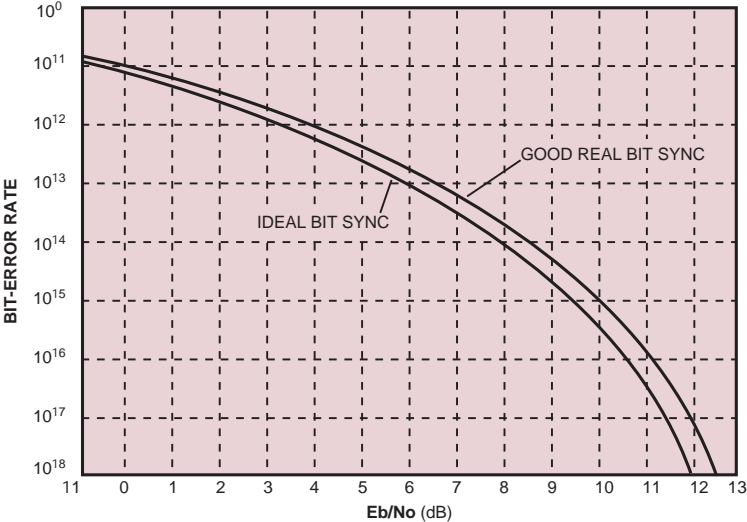


Figure 2



The curve of theoretical BER versus E_b/N_0 sets the standard to which all designers of bit synchronizers aspire. A good bit-sync design is only 0.5 dB worse than theory.