

30 October 2002

EE332 Sequential Circuits Practice Problem

For the circuit below, find equations for waveforms A , B , C , D , P , Q , R , S , X , and Y and then draw the waveforms in the graph at the right.

Interpreting three of the waveforms as a three bit binary number (BCD , where B is the MSB and D is the LSB), what is the sequence of decimal numbers generated by this circuit?

