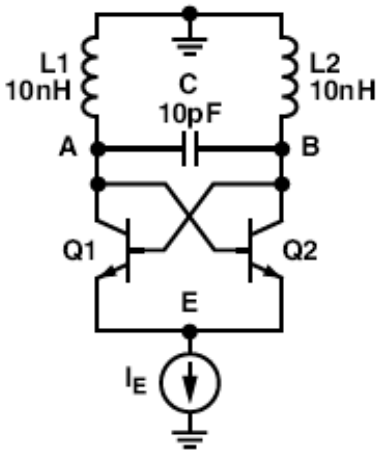
http://www.geocities.ws/glene77is/GC_Alpha_RG_pdf_files
/DrLeif_2_Fourth-Dee-Oscillator-example.gif



TO MINIMIZE THE INTRODUCTION OF DISTRACTING COMPLICATIONS OF THE KIND FREQUENTLY ENCOUNTERED IN PRACTICAL OSCILLATORS, Q1 AND Q2 ARE INITIALLY ALLOWED TO BE "IDEAL"; THAT IS, BF = BR = VAF = VAR = INF. AND THE DEVICE RESISTANCES AND CAPACITANCES ARE ZERO; τ_f = 10ps.

LIKEWISE, FOR THE INITIAL EXPERIMENTS, THE TANK IS ASSUMED TO BE LOSS-LESS AND WITHOUT A LOAD.

I_E IS TURNED ON VERY RAPIDLY, AND THE CONSEQUENCES ARE OBSERVED FOR A VARIETY OF CONDITIONS, WHICH WILL BE ELABORATED ON IN DETAIL DURING FURTHER DISCUSSIONS WITH DR. LEIF.