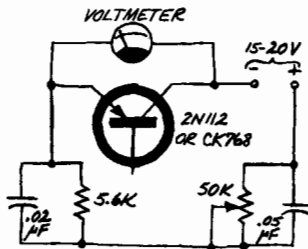


AN ALTERNATE APPROACH

In the "Negistor" article (December 1975), it was stated that oscillation was obtained from an npn transistor with open base under reverse-bias conditions. I have obtained similar results from the same type of circuit and also from forward-biased *pn*p germanium transistors. One of my pnp circuits is shown below. To test for negative



resistance, I adjust the setting of the potentiometer so that the voltmeter's pointer rises to a peak indication and then begins to fall back toward the zero index. The oscillations I have observed with such a circuit have a sinusoidal waveform and a 0.5-volt peak at about 7000 Hz.—I. Queen, Brooklyn, N.Y.