

**Abstract:** A new active-only sinusoidal oscillator is proposed. The oscillator uses only two operational amplifiers and three operational transconductance amplifiers. Without using any external passive elements, voltage (or current) control of the frequency and condition of oscillation can be achieved by adjusting the bias currents of the OTAs. The proposed circuit enjoys low sensitivities. (C) 1998 Elsevier Science Ltd. All rights reserved.