

<b>Thesis Title</b>	Sinusoidal Oscillator Circuit Using CMOS Operational Transconductance Amplifier Circuit
<b>Student</b>	Mr.Pitikan Rugrachagarn
<b>Thesis Advisor</b>	Assoc.Prof.Dr. Kobchai Dejhan
<b>level of study</b>	Master of Engineering in Electrical Engineering
<b>Department</b>	Telecommunication Engineering King Mongkut's Institute of Technology Ladkrabang
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### **Abstract**

This thesis presents a phase shift oscillator using transconductor circuit to implement low and high pass filter to oscillate the sinusoidal waveform and used in connection with feedback circuit to oscillation. The technique is to use the phase shift and voltage amplifier based on transconductor circuits. This oscillator circuit is suitable to implement into integrated circuit form and some novel techniques for oscillator circuit design.