



Advanced Analog Circuit Design

ON-LINE CLASS by Microsoft TEAMS

October 10-21, 2022

WEEK 1		OCTOBER 10-14, 2022			
WEEK 2		OCTOBER 17-21, 2022			
DAILY	Central European Time	Eastern Standard Time	Pacific Standard Time	India Standard Time	
	CET (Lausanne)	EST (New York)	PST (California)	IST (India)	
Module 1	3:00-4:30 pm	9:00-10:30 am	6:00-7:30 am	6:30-8:00 pm	
Module 2	5:00-6:30 pm	11:00 am -12:30 pm	8:00-9:30 am	8:30-10:00 pm	
WEEK 1	Module				
Monday, Oct 10	1	Analog Building Blocks			Willy Sansen
	2	Stability of Feedback Amplifiers			Willy Sansen
Tuesday, Oct 11	1	Power Optimization			Willy Sansen
	2	Fully Differential Amplifiers			Willy Sansen
Wednesday, Oct 12	1	Distortion in Elementary Transistor Circuits			Willy Sansen
	2	Distortion Cancellation			Willy Sansen
Thursday, Oct 13	1&2	Continuous-Time Filters			Christian Enz
Friday, Oct 14	1&2	CMOS Switched-Capacitor Circuit Design			Christian Enz
WEEK 2	Module				
Monday, Oct 17	1&2	Offset and 1/f Noise Reduction Techniques			Kofi Makinwa
Tuesday, Oct 18	1&2	Time Assisted Analog Design			Pavan Hanumolu
Wednesday, Oct 19	1&2	Non-Linearities in Analog and Mixed-Signal Circuits			Shanthi Pavan
Thursday, Oct 20	1	Practical Techniques of Frequency Compensation			Vadim Ivanov
	2	Bandgap Voltage References			Vadim Ivanov
Friday, Oct 21	1&2	Circuit Techniques for OpAmp Speed and Accuracy Improvement			Vadim Ivanov
	0.5	Course Evaluation, Survey Results			Vlado Valence, All