

Topic	Sub Topic	Pdf link/Code Link	Video link
Least Square Curve Fitting	Theory	https://classroom.google.com/u/1/w/NzgxNjUzODIzODYx/t/all	https://www.youtube.com/watch?v=qDDjQaFpoll
	Practical	Code available: https://drive.google.com/file/d/1c_jiV8iz8NbY0fFrxygRIjgdhDBrepC/view	https://youtu.be/JWFq5EiUmJg
	For more details such as Reference list, assignments, visit the Google Classroom: https://classroom.google.com/c/NzgxNjUzODIzODYx?cjc=nofuuy7c		
Solving Ordinary Differential Equations	Theory	https://classroom.google.com/u/1/w/NzgzNzQxNTkzODUz/t/all	https://youtu.be/UaRHND6RsqQ
	Practical	Code available (Picard's Method) https://drive.google.com/file/d/11nE6n-pa9JLsJ1FxWsbcyFKpF9odb_8A/view?usp=classroom_web&authuser=1	https://www.youtube.com/watch?v=GE-B35zp4Lc&authuser=1
		Code available(RK4 Method) https://drive.google.com/file/d/10nfy2B0IFxxARAYOJ9eflBA1PhfpRd7O/view	https://youtu.be/DFDPNhX0Mi4
	For more details such as Reference list, assignments, visit the Google Classroom: https://classroom.google.com/c/NzgzNzQxNTkzODUz?cjc=bdqp6hfe		
Gauss Seidal Method	Theory	https://classroom.google.com/u/1/w/MzEzNDQwNzY3NjY5/t/all	https://studio.youtube.com/video/ObcciB_Dvll/edit
			https://studio.youtube.com/video/j2_qD6GF10s/edit
	Practical	Code available(Gauss Seidal Method) https://drive.google.com/file/d/1uqzalDPz4HiJG0Apg5YF4rOKkDRSn849/view	https://studio.youtube.com/video/k4I_nubpoQQ/edit
LU Method	Theory	https://classroom.google.com/u/1/w/MzQ3NDE4NDE3MDM3/t/all	https://www.youtube.com/watch?v=cAgk5M0HX9M
	Practical	Code available(LU Method) https://drive.google.com/file/d/1yONk4CgyPKqsc-eO5Jnvw7CoMBg27-4n/view	Covered in above video

Power Method	Theory	https://classroom.google.com/u/1/w/MzQ3NDE4NDE3MDM3/t/all https://classroom.google.com/u/1/w/MzQ3NDE4NDE3MDM3/t/all	https://studio.youtube.com/video/WQUmr9CFp10/edit
	Practical	Code available(Power Method) https://drive.google.com/file/d/1R2kirB9s7G4fLmluqIWxDcdb4PDZUu_w/view	https://studio.youtube.com/video/c91bhRucoVY/edit