

2022-23 Paper

2021-22 Paper

	Q1 2019-20				Q3 2019-20			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
True and Estimated Errors						*Applied		
Closed Root Finding						*Applied		
Open Root Finding								
Roots of System of Equations								
Polynomial Division								
Regression								
Interpolation								
Linear Algebra								
Solving ODEs								
Stability of ODEs								
Systems of ODEs								
Integration								
Optimisation								
Multivariant Optimisation								
Other?								

loops errors euler changing step error and iteration graphing rearranging q symplectic solving complex root root finding Correcting errors euler true errors changing steps

Done
Attempted
Not Done

Bold = Repeated Q

sympy plot np.roots complex scipy.fsolve

2017-18 Paper

Q2,3 2020-21 (Changed values)

minimising	sympy differe	root finding	golden rule (n	root finding	minimising
	root finding	synthetic divis	graphing	integration	
	iterative root finding		taylor expansion		
	scipy.fsolve		sympy	scipy.fsolve	scipy.minimize
	sympy			scipy.integrate.quad	
	BETTER SYMPY DIFFERENTIAL EXAMPLE				