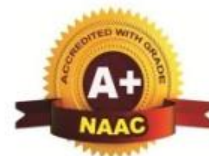




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Website: [www.klesnc.org](http://www.klesnc.org)

E-mail: [info@klesnc.org](mailto:info@klesnc.org)

[kleaacts@yahoo.com](mailto:kleaacts@yahoo.com)

**DEPARTMENT OF MATHEMATICS**

**E-Learning Resources**

Sl. No.	Topic	Link
1.	Solution of PDE 4 <sup>th</sup> type	<a href="https://youtu.be/9sy7hMdNupM">https://youtu.be/9sy7hMdNupM</a>
2.	Solution of PDE 4 <sup>th</sup> type	<a href="https://youtu.be/9sy7hMdNupM">https://youtu.be/9sy7hMdNupM</a>
3.	Problems on Angle between polar Curves	<a href="https://drive.google.com/file/d/1Zfrm7jdXkhovhTnJjvnWMA52793K2koi/view?usp=sharing">https://drive.google.com/file/d/1Zfrm7jdXkhovhTnJjvnWMA52793K2koi/view?usp=sharing</a>
4.	Polar Sub Tangent and Sub Normal	<a href="https://drive.google.com/file/d/13h9gSSsrTrsnb7YLfRemlXaaJ6oRLKF1/view?usp=sharing">https://drive.google.com/file/d/13h9gSSsrTrsnb7YLfRemlXaaJ6oRLKF1/view?usp=sharing</a>
5.	Solution of Linear ODE	<a href="https://drive.google.com/file/d/1-zp2RMyWTeEq6agXgsLFWAirmuJu5VAp/view?usp=sharing">https://drive.google.com/file/d/1-zp2RMyWTeEq6agXgsLFWAirmuJu5VAp/view?usp=sharing</a>
6.	Solution of Linear ODE	<a href="https://drive.google.com/file/d/1zdqD5NaIUaO0uWDk7cBUSUM7Z6g6t0NU/view?usp=sharing">https://drive.google.com/file/d/1zdqD5NaIUaO0uWDk7cBUSUM7Z6g6t0NU/view?usp=sharing</a>
7.	Solution of Linear ODE by finding PI	<a href="https://drive.google.com/file/d/1Jz8Emibn14JZC1QTrgUZGS10GiZurleG/view?usp=sharing">https://drive.google.com/file/d/1Jz8Emibn14JZC1QTrgUZGS10GiZurleG/view?usp=sharing</a>
8.	Length of Perpendicular from pole to tangent	<a href="https://drive.google.com/file/d/1UyfPbkIE2MfAYwSAf60pcHVI_KlwrXK_/view?usp=sharing">https://drive.google.com/file/d/1UyfPbkIE2MfAYwSAf60pcHVI_KlwrXK_/view?usp=sharing</a>
9.	Introduction to Polar Coordinates	<a href="https://us04web.zoom.us/j/77867824531?pwd=eHBvbUtRMXlnYzQzTUE0MwliSzdwUT09">https://us04web.zoom.us/j/77867824531?pwd=eHBvbUtRMXlnYzQzTUE0MwliSzdwUT09</a>
10.	Problems on linear differential equation	<a href="http://us04web.zoom.us/j/71770825819?pwd=NUhpRUNXd3j5c08yWWxTT3grQzRFUT09">http://us04web.zoom.us/j/71770825819?pwd=NUhpRUNXd3j5c08yWWxTT3grQzRFUT09</a>
11.	Problems on Partial Differential Equation	<a href="https://us04web.zoom.us/j/2235512995?pwd=QW8rUTdrN3YyNVRONiJ1bDNWNzgz4UT09">https://us04web.zoom.us/j/2235512995?pwd=QW8rUTdrN3YyNVRONiJ1bDNWNzgz4UT09</a>
12.	Orthogonal curves Linear Coordinates	<a href="https://us04web.zoom.us/j/78815510278?pwd=SmoxUjVhSHc1WGh6NG8yeWlRaXpTQT09">https://us04web.zoom.us/j/78815510278?pwd=SmoxUjVhSHc1WGh6NG8yeWlRaXpTQT09</a>
13.	Bisection Method	<a href="http://us04web.zoom.us/j/76296557353?pwd=bEozM2ptZHUxOGNBeWNFaTZ3VUVVZz09">http://us04web.zoom.us/j/76296557353?pwd=bEozM2ptZHUxOGNBeWNFaTZ3VUVVZz09</a>
14.	Method of false position	<a href="http://us04web.zoom.us/j/76296557353?pwd=bEozM2ptZHUxOGNBeWNFaTZ3VUVVZz09">http://us04web.zoom.us/j/76296557353?pwd=bEozM2ptZHUxOGNBeWNFaTZ3VUVVZz09</a>
15.	Solution of non algebraic equations by Regula false method	<a href="https://us04web.zoom.us/j/75689007756?pwd=bjBNWEQ0UzFrS1o2MDJQOzRYQVIMZz09">https://us04web.zoom.us/j/75689007756?pwd=bjBNWEQ0UzFrS1o2MDJQOzRYQVIMZz09</a>
16.	Introduction Partial Differential Equation	<a href="https://us04web.zoom.us/j/76185742599?pwd=d3ZlY2FoSjYwY0dXdEJFRWQ5OU5XZz09">https://us04web.zoom.us/j/76185742599?pwd=d3ZlY2FoSjYwY0dXdEJFRWQ5OU5XZz09</a>
17.	Solution of total differential equation	<a href="https://drive.google.com/file/d/18YI_Od8ga8sEQq_EfOfXwEZtswDgItJs/view?usp=sharing">https://drive.google.com/file/d/18YI_Od8ga8sEQq_EfOfXwEZtswDgItJs/view?usp=sharing</a>
18.	differential equation type 1 & 2	<a href="https://drive.google.com/file/d/1FtZCedusQkEXyq2Z9CiBUaob4_S_kq7R/view?usp=sharing">https://drive.google.com/file/d/1FtZCedusQkEXyq2Z9CiBUaob4_S_kq7R/view?usp=sharing</a>  <a href="https://drive.google.com/file/d/14ixjAjOh_INCFUpQWa9WhV9g_rrz9wYe/view?usp=sharing">https://drive.google.com/file/d/14ixjAjOh_INCFUpQWa9WhV9g_rrz9wYe/view?usp=sharing</a>
19.	Euler's Method	<a href="https://drive.google.com/file/d/1muc9ekcm5JI84lc4">https://drive.google.com/file/d/1muc9ekcm5JI84lc4</a>

		<a href="https://drive.google.com/file/d/11QHcmkfjdnFrALPZELnzZTab-UFJn-IQ/view?usp=sharing">dkBHowsLojHR6yMa/view?usp=sharing</a>
20.	Equations Solvable for p	<a href="https://drive.google.com/file/d/11QHcmkfjdnFrALPZELnzZTab-UFJn-IQ/view?usp=sharing">https://drive.google.com/file/d/11QHcmkfjdnFrALPZELnzZTab-UFJn-IQ/view?usp=sharing</a>
21.	Modified Euler's Method	<a href="https://drive.google.com/file/d/1mp8Lt-4RCbwE-1IIVTKx5By8gF_0UQX6/view?usp=sharing">https://drive.google.com/file/d/1mp8Lt-4RCbwE-1IIVTKx5By8gF_0UQX6/view?usp=sharing</a>
22.	Runge-Kutta Method	<a href="https://drive.google.com/file/d/1xU6AIYc5tcLNzfqQYBQxGO7UyLHxd1N6/view?usp=sharing">https://drive.google.com/file/d/1xU6AIYc5tcLNzfqQYBQxGO7UyLHxd1N6/view?usp=sharing</a>
23.	Oblique Asymptotes Problems	<a href="https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09">https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09</a>
24.	Envelopes	<a href="https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09">https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09</a>
25.	Linear Independence and dependence	<a href="https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09">https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09</a>
26.	Fundamental Theorem on homomorphism	<a href="https://drive.google.com/file/d/1IITTyuHICyOYAE7zzXE7mxyw1V9SY5Ho/view?usp=sharing">https://drive.google.com/file/d/1IITTyuHICyOYAE7zzXE7mxyw1V9SY5Ho/view?usp=sharing</a>
27.	Problems on envelopes	<a href="https://drive.google.com/file/d/10z6NMeGaayxOMryMgwRS33Y7kt2uGy_q/view?usp=sharing">https://drive.google.com/file/d/10z6NMeGaayxOMryMgwRS33Y7kt2uGy_q/view?usp=sharing</a>
28.	Normal Subgroup	<a href="https://us04web.zoom.us/j/75840001849?pwd=U2wvdkJkN1k4MlVYL3RnSkysYVlnQT09">https://us04web.zoom.us/j/75840001849?pwd=U2wvdkJkN1k4MlVYL3RnSkysYVlnQT09</a>
29.	Vector space and Problems	<a href="https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09">https://us04web.zoom.us/j/5320860654?pwd=Y2ZaYlVya05MUTJGTHo3TVVINjNHZz09</a>
30.	Laplace transforms	<a href="https://drive.google.com/file/d/1vwHBVbTQ7DRQ9hbwvwsX6C97WqZVVu1Jt/view?usp=sharing">https://drive.google.com/file/d/1vwHBVbTQ7DRQ9hbwvwsX6C97WqZVVu1Jt/view?usp=sharing</a>
31.	Laplace transforms	<a href="https://drive.google.com/file/d/1AVCHmtk7kWDUx19hTK-LmBQLXzQieMOG/view?usp=sharing">https://drive.google.com/file/d/1AVCHmtk7kWDUx19hTK-LmBQLXzQieMOG/view?usp=sharing</a>
32.	Operations on prime ideals	<a href="https://drive.google.com/file/d/1MOEFej1iU76wq8uUTYkwYeqmz2VOuvra/view?usp=sharing">https://drive.google.com/file/d/1MOEFej1iU76wq8uUTYkwYeqmz2VOuvra/view?usp=sharing</a>
33.	Laplace Transforms	<a href="https://drive.google.com/file/d/18hko9XTgijLOnuoiFl8_gUJu9qrqTBzQ/view?usp=sharing">https://drive.google.com/file/d/18hko9XTgijLOnuoiFl8_gUJu9qrqTBzQ/view?usp=sharing</a>
34.	Examples on Limit of function in complex plane	<a href="http://us04web.zoom.us/j/71770825819?pwd=NUhpRUNXd3j5c08yWWxTT3grQzRFUT09">http://us04web.zoom.us/j/71770825819?pwd=NUhpRUNXd3j5c08yWWxTT3grQzRFUT09</a>
35.	finding locus of a point in Complex plane	<a href="https://us04web.zoom.us/j/71137035164?pwd=RmpaMGx6REl1Yk4rK296TE1WS2xFdz09">https://us04web.zoom.us/j/71137035164?pwd=RmpaMGx6REl1Yk4rK296TE1WS2xFdz09</a>
36.	Harmonic functions	<a href="https://us04web.zoom.us/j/72576924812?pwd=bnJzbGdNY0t6TGIGY3BiVjJLSysyUT09">https://us04web.zoom.us/j/72576924812?pwd=bnJzbGdNY0t6TGIGY3BiVjJLSysyUT09</a>
37.	Harmonic functions	<a href="https://us04web.zoom.us/j/79200499124?pwd=K0dhSkIKN3hMVXZqbWRSYkhTcjQyUT09">https://us04web.zoom.us/j/79200499124?pwd=K0dhSkIKN3hMVXZqbWRSYkhTcjQyUT09</a>
38.	Construction of analytic functions	<a href="https://us04web.zoom.us/j/72946882623?pwd=MzBFZ1grOTRpa21HZFVhZDUweWRjZz09">https://us04web.zoom.us/j/72946882623?pwd=MzBFZ1grOTRpa21HZFVhZDUweWRjZz09</a>
39.	Construction of analytic functions	<a href="https://us04web.zoom.us/j/78551138378?pwd=NXBZZkVNO0pvUTRQSGIOVFJdcjN4dz09">https://us04web.zoom.us/j/78551138378?pwd=NXBZZkVNO0pvUTRQSGIOVFJdcjN4dz09</a>
40.	Problems on Fourier Series in $0$ to $2\pi$	<a href="https://us04web.zoom.us/j/77739855798?pwd=bXdxcGdRNWR3VWxNR25FdDBKMUF4Zz09">https://us04web.zoom.us/j/77739855798?pwd=bXdxcGdRNWR3VWxNR25FdDBKMUF4Zz09</a>
41.	Problems on Fourier Series in $0$ to $2\pi$	<a href="https://us04web.zoom.us/j/75050467345?pwd=K3U2ajkrellSdzJSWE9WSVI3U0hhZz09">https://us04web.zoom.us/j/75050467345?pwd=K3U2ajkrellSdzJSWE9WSVI3U0hhZz09</a>
42.	Derivation of Euler's Formulas	<a href="https://us04web.zoom.us/j/72935221872?pwd=Y2hPWmIwaHdlT1VZSWlIRmpENVA2QT09">https://us04web.zoom.us/j/72935221872?pwd=Y2hPWmIwaHdlT1VZSWlIRmpENVA2QT09</a>
43.	Axioms and examples of Binary Operation	<a href="https://us04web.zoom.us/j/77867824531?pwd=eHBvbUtRMXlnYzQzTUE0MWliSzdWUT9">https://us04web.zoom.us/j/77867824531?pwd=eHBvbUtRMXlnYzQzTUE0MWliSzdWUT9</a>