

3ME4-24: PROGRAMMING USING MATLAB

1. Basics of MATLAB computer programming - https://youtu.be/zr_aB7V79DE
2. Use of formulae and inbuilt functions - <https://youtu.be/4mwaiA4rL4o>
3. MATLAB scripts and functions (m-files) - <https://youtu.be/WhZQoVUWwz8>
4. Loops and nested loops - <https://youtu.be/H7frvcAHXps>
5. Array, vector and matrices - https://youtu.be/PB_aet27Klc
6. Plotting functions and vector plots - <https://youtu.be/EbDJNjYZ-EA>
7. Solving differential equations using MATLAB- <https://youtu.be/99BkOGUHdxc>
8. Reading and writing data, file handling -<https://youtu.be/SslMi6ptwH8>
9. Using MATLAB toolboxes - <https://youtu.be/3yd9RsK1RxM>
10. MATLAB graphic functions- <https://youtu.be/EbDJNjYZ-EA>