

Curves

Terms:

1. velocity
2. acceleration
3. jerk
4. t
5. s
6. T
7. N
8. B
9. $\vec{\kappa}$
10. κ
11. τ
12. osculating circle
13. Frenet formulas
14. fundamental theorem of curves
15. isoperimetric inequality

Parametrization of...

1. line
2. circle
3. helix
4. strake
5. plane curves $y = f(x)$

Examples:

1. curve with $\kappa = 0$
2. curve with nonzero constant κ
3. curve with $\tau = 0$
4. curve with nonzero constant τ

Terms:

Write out *definitions, big picture ideas and/or examples* (whatever you would find the most helpful) as we cover them.

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