

About

After the weekly meeting of Jan 23, 2023 , the goal is:

1. Mathematically formulate the 'velocity curves'
2. Analyze the acceleration implied in the curves, and whether they are feasible
3. Analyze the monotonicity of the norm of the velocity vector, and determine conditions to make it *monotonically reducing when approaching path ($\epsilon \rightarrow 0$)

Mathematical Formulation

This is done in overleaf project: <https://www.overleaf.com/read/brbhmkffkwft>

Final document here: [Week10_Accel_Limited_Vel_Curve_Formulation_v1.pdf](#)