Project 3 notes

High-level Steps

1) make a fuction that, given $[w, x, r_2]$, solves ODE (Eq. 27) and returns $o (d\psi)$ \rightarrow And Verity it!!

2) In a script, generate samples of the

Aesign vars. (w, α, r_z) and evaluate obj. 3) Use GPML to create the surrogate

4) use surrogate in optimization

Method 1: samples are scaled to lie within the true (physical) feasible space
$$\hat{x}_{2}$$
 (x_{1}) \hat{x}_{2} (x_{1}) \hat{x}_{3} (x_{1}) \hat{x}_{4} (x_{1}) \hat{x}_{2} (x_{2}) \hat{x}_{3} (x_{3}) \hat{x}_{4} (x_{4}) \hat{x}_{5} (x_{5}) \hat{x}_{5} (x

