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- From optimization to a science of design

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PERFORMANCE SPLINECONTROLPOINTS  $\triangleq$   
  let WING  $\triangleq$  SPLINETOSURFACE SPLINECONTROLPOINTS;  
      AIRFLOW  $\triangleq$  PDESOLVER (WING, NAVIERSTOKES);  
      LIFT, DRAG  $\triangleq$  SURFACEINTEGRAL (WING, AIRFLOW, FORCE)  
  in DESIGNMETRIC (LIFT, DRAG, (WEIGHT WING))
```

argmax PERFORMANCE