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```
clc  
clear all;
```

Load Surrogate parameters

```
file = uigetfile('.mat');  
load(file);  
  
Range = evalin('base','Range');  
lb = Range(:,1);  
ub = Range(:,2);
```

Set Initial point and run optimizer

```
x0 = [0.8;0.058;2*pi*6.5/60];  
  
options = optimoptions('fmincon','Display','iter-detailed','Algorithm','sqp',...  
    'MaxIterations',1500);  
[x_opt,fval] = fmincon(@obj,x0,[],[],[],[],lb,ub,[],options);
```

