

Contents

- dddd

```
clear all;  
clc;
```

dddd

```
x = [70 90 110 130]  
y = [2.1 1.9 1.4 1.3 0.8]  
Z = [91 92 85 77 50; 96 95 93 88 50; 99 98 92 93 61; 96 99 95 91 56]'
```

```
[XX,YY] = meshgrid(x,y);  
xi = 70:1:130;  
yi = 0.8:0.1:2.1;  
[XI,YI] = meshgrid(xi,yi);  
ZI = interp2(XX,YY,Z,XI,YI,'cubic');  
mesh(XI,YI,ZI)
```

x =

```
70    90   110   130
```

y =

```
2.1000    1.9000    1.4000    1.3000    0.8000
```

Z =

```
91    96    99    96  
92    95    98    99  
85    93    92    95  
77    88    93    91  
50    50    61    56
```

