1.labaratorijas darbs

Table of Contents

M#r#jumu datu apstr#de

M#r#i:

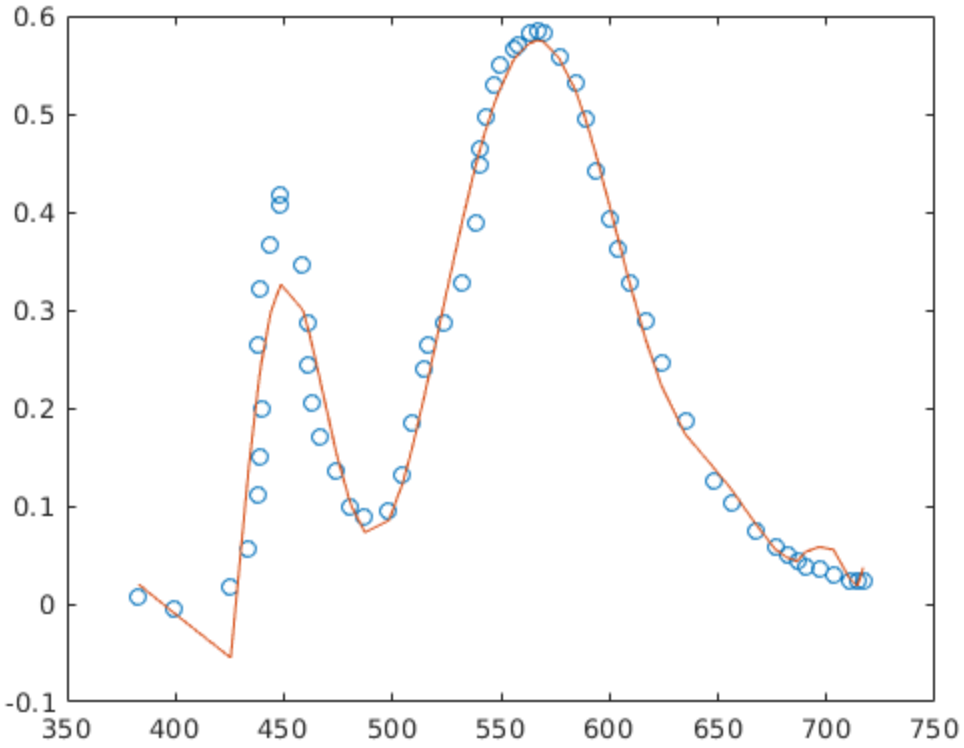
- Iem#c#ties apstr#d#t m#r#jumu datus
- Iem#c#ties lietot polyfit, polyval
- Iem#c#ties veidot matlab atskaites izmantojot "publish"

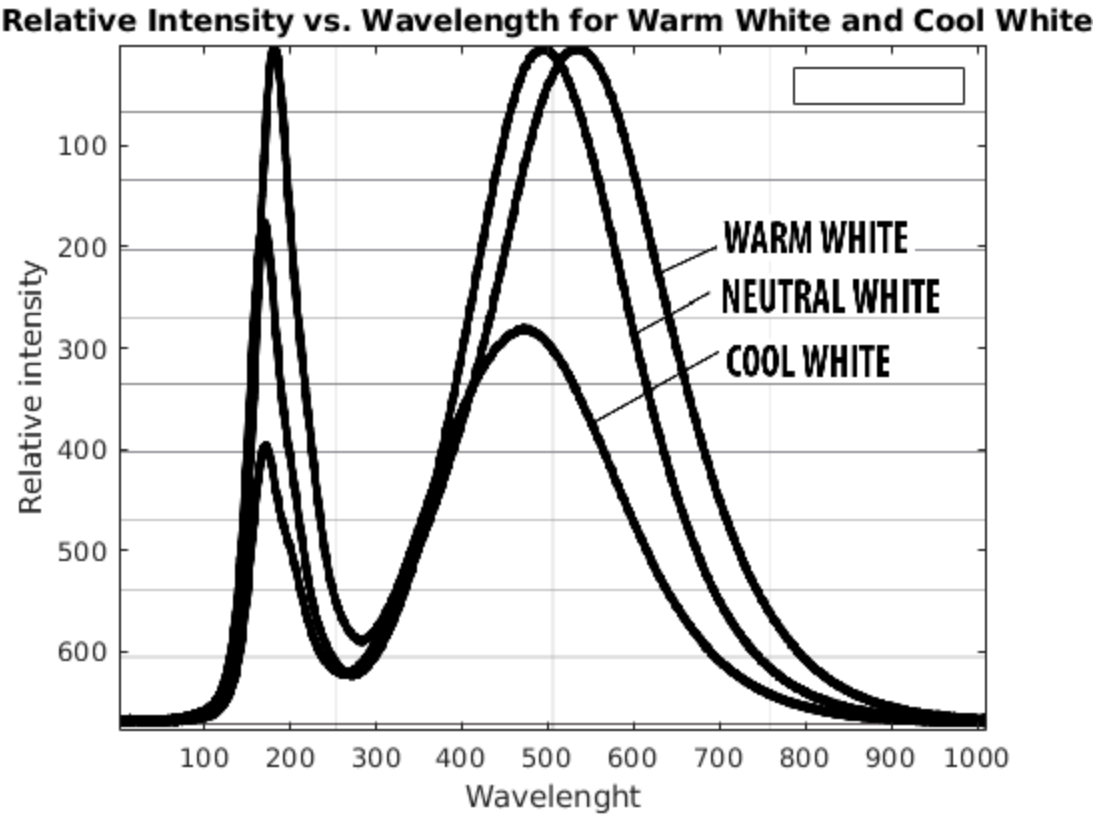
Darba programma:

```
B = imread('grafiks2.png');
image([380 780],[1 0], B);
set(gca, 'YDir', 'normal')
[x,y] = ginput(60);
C = polyfit(x,y,14);
y2 = polyval(C,x);
plot(x,y,"o",x,y2)
figure(1),image(B)
xlabel('Wavelenght')
ylabel('Relative intensity')
title('Relative Intensity vs. Wavelength for Warm White and Cool
 White.')
legend('grafika dati','izrekinatais grafiks')
C
```

```
Warning: Polynomial is badly conditioned. Add points with distinct X
 values,
reduce the degree of the polynomial, or try centering and scaling as
 described
in HELP POLYFIT.
Warning: Ignoring extra legend entries.

C =

   1.0e+09 *
```

```
Columns 1 through 7

   0.0000   -0.0000    0.0000   -0.0000    0.0000   -0.0000    0.0000

Columns 8 through 14

  -0.0000    0.0000   -0.0000    0.0000   -0.0000    0.0004   -0.0314

Column 15

   1.1539
```





Secin#jumi

ir iem#cijis apstr#d#t merijumu datus ir iemacijis lietot polyfir, ploval ir iemacijis veidot matlab atskaites izmantojot "publish"

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