

FFTSpectrum | Processing 1272

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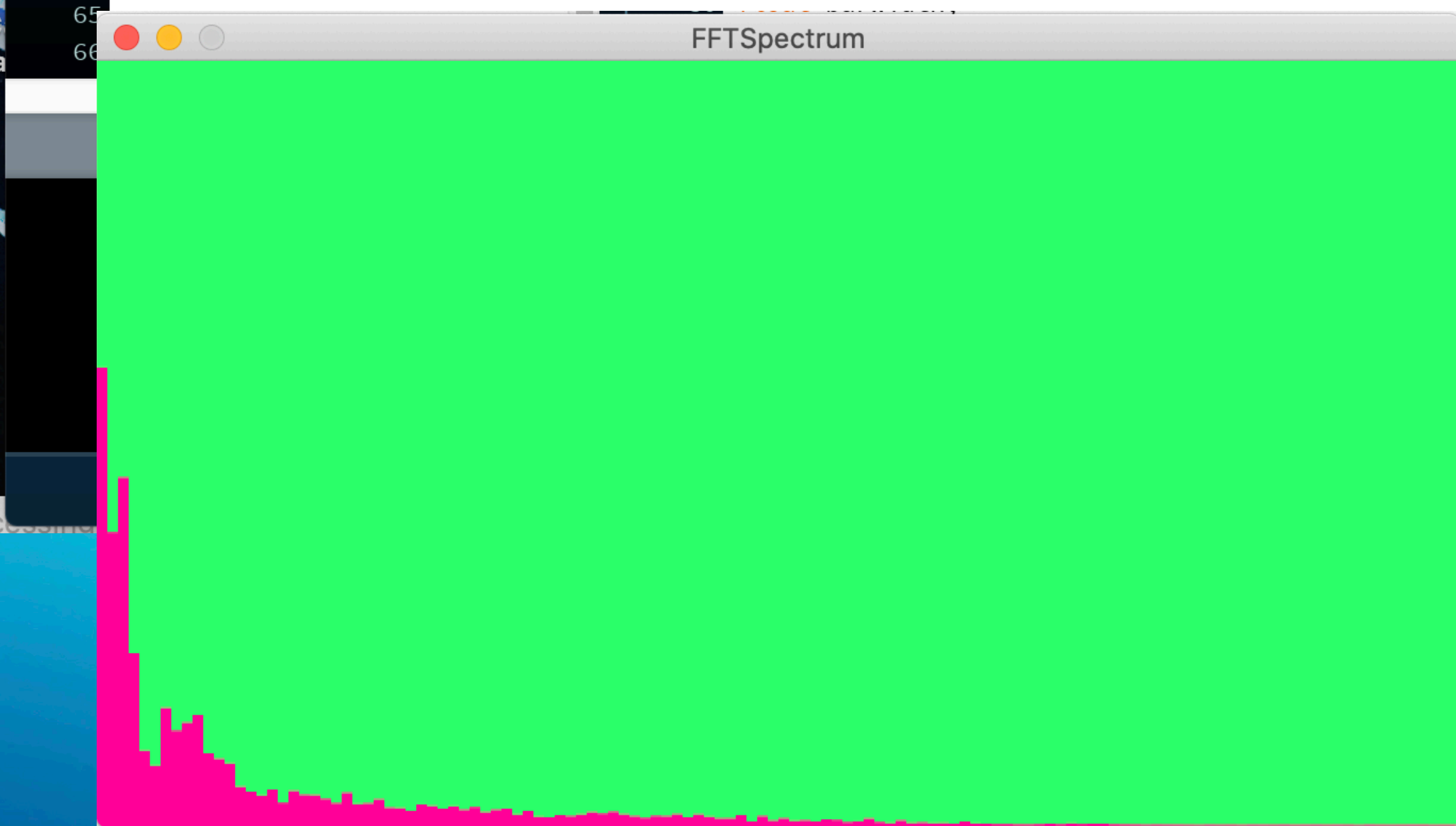
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Java ▾

FFTSpectrum ▾

```
47
48 public void draw() {
49     // Set background color, noStroke and fill color
50     background(125, 255, 125);
51     fill(255, 0, 150);
52     noStroke();
53
54     // Perform the analysis
55     fft.analyze();
56
57     for (int i = 0; i < bands; i++) {
58         // Smooth the FFT spectrum data by smoothing factor
59         sum[i] += (fft.spectrum[i] - sum[i]) * smoothingFactor;
60
61         // Draw the rectangles, adjust their height using the scale factor
62         rect(i*barWidth, height, barWidth, -sum[i]*height*scale);
63     }
64 }
```



FFTSpectrum_modified | Processing 1272

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Java ▾

FFTSpectrum_modified ▾

```
47
48 public void draw() {
49     // Set background color, noStroke and fill color
50     background(242,220,17);
51     fill(232,9,91);
52     //noStroke();
53
54     // Perform the analysis
55     fft.analyze();
56
57     for (int i = 0; i < bands; i++) {
58         // Smooth the FFT spectrum data by smoothing factor
59         sum[i] += (fft.spectrum[i] - sum[i]) * smoothingFactor;
60
61         // Draw the rectangles, adjust their height using the scale factor
62         //rect(i*barWidth, height, barWidth, -sum[i]*height*scale);
63         circle(bands*barWidth-i*barWidth,height-sum[i]*height*scale, sum[i]*height*scale);
64         circle(bands*barWidth+i*barWidth,height-sum[i]*height*scale, sum[i]*height*scale);
65     }
66 }
```

