demo 24 exercise: Short-time Fourier Transform

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Instructions on running the file

- `demo24_q2.py` has the author.wav execution.
- A spectrometer for `sp1.wav` is saved as `sp1_spectrometer.png`
- The audio file is called `sp5894.wav`
- The necessary changes have been made to `demo_robot.m` and `stft_demo_1.m`
- The spectrometer for the recorded input is saved as `sp5894_spectrometer.png`