

GMIT

BEng(H) Software & Electronic Engineering

Digital Signal Processing

Assignment: Spectrograms, Applied to Birdsong

Lecturer: Michelle Lynch

Produce a Jupyter Notebook report on the topic of 'Spectrograms, Applied to Birdsong'.

Research the topic, explain important concepts/algorithms/mathematics, implement and evaluate your own examples, and demonstrate insight on the topic.

Please see also the accompanying grading rubric. Scheduled lectures and laboratories will include an introduction to spectrograms and how to get started with Jupyter Notebook, as well as further guidelines and resources on the project.