# (Optional) The Conditional GAN Paper

Fascinated by conditional GANs? Take a look at the paper that proposed it and the training/testing methods that were behind it!

Conditional Generative Adversarial Nets (Mirza and Osindero, 2014): <https://arxiv.org/abs/1411.1784>

# (Optional) An Example of a Controllable GAN

Want to learn more about controlling GAN generations using latent space? Check out this paper!

Interpreting the Latent Space of GANs for Semantic Face Editing (Shen, Gu, Tang, and Zhou, 2020): <https://arxiv.org/abs/1907.10786>

Works Cited

All of the resources cited in Course 1 Week 4, in one place. You are encouraged to explore these papers/sites if they interest you—the first paper has already been included as an optional reading! They are listed in the order they appear in the lessons.

From the videos:

* Interpreting the Latent Space of GANs for Semantic Face Editing (Shen, Gu, Tang, and Zhou, 2020): <https://arxiv.org/abs/1907.10786>

From the notebooks:

* MNIST Database: <http://yann.lecun.com/exdb/mnist/>
* CelebFaces Attributes Dataset (CelebA): <http://mmlab.ie.cuhk.edu.hk/projects/CelebA.html>