6.S183 (IAP 2026) Problem Set 2

due: 16 Jan 2026 23:59
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Collaboration Policy: In the case of written homework assignments, your assignment must represent your own individual work. Although you may discuss homework problems with other students, please write up your own solutions.
Submission: Gradescope (`https://www.gradescope.com/courses/1203177`).

Instructions

In this problem set you will be writing custom samplers for pretrained text-to-image diffusion models. See the provided Jupyter notebook for instructions. You can open the notebook in Google Colab (use a GPU runtime): `https://colab.research.google.com/drive/11EWY4s38jxkBZkvtdmPS3IehE1gkDfig`. For submission, export the notebook as a PDF (ensure all plots and figures are visible!) and upload via gradescope.