

MRI Simulator Notes

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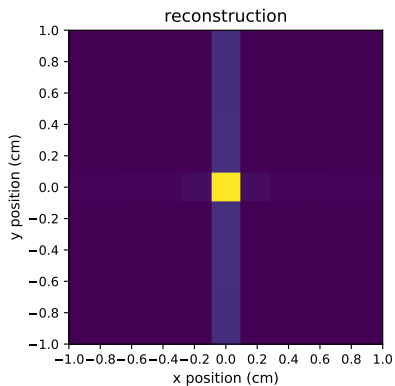
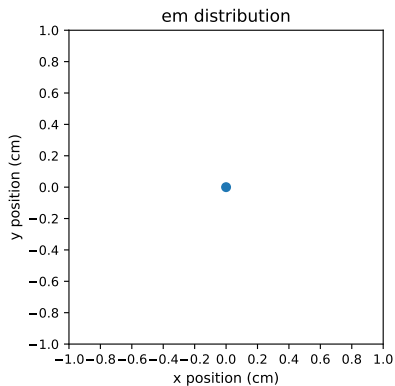
Tasks

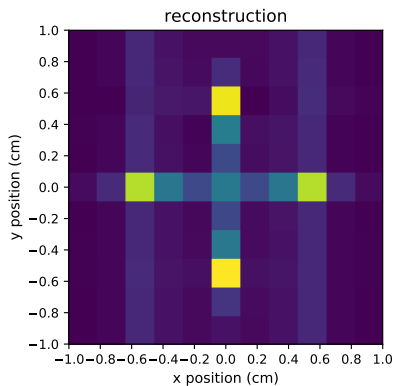
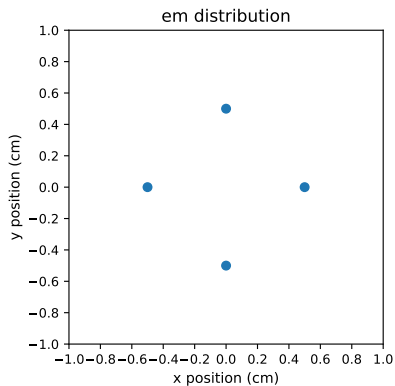
- ▶ I debugged my 2DFT simulation + reconstruction and ran it with a few different em distributions.

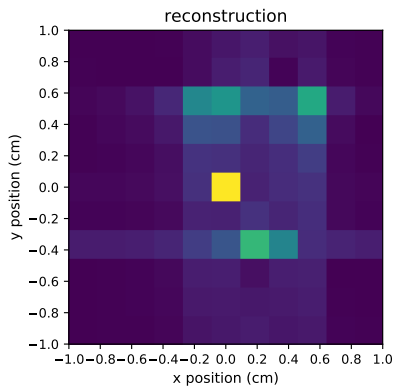
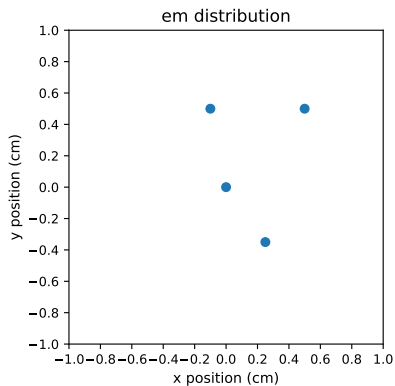
2DFT simulation + reconstruction

Summary

- ▶ The em distribution and reconstruction are shown in the figures below.







Comments

- ▶ The images are consistent with the em distributions.
- ▶ I'm not sure why there is asymmetric blurring of the images.
- ▶ Could it have to do with relaxation? I am incorporating relaxation with $T1 = 10 \text{ ms}$, $T2 = 10 \text{ ms}$, $TR \approx 50 \text{ ms}$.