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Course: **8.421 - AMO I**
Problem set: **#9**
Due: Friday, April 15, 2022.

1. Transition Lifetimes and Blackbody Radiation.

- (a) (i)
- (ii)
- (b) (i)
- (ii)
- (c) (i)
- (ii)
- (iii)
- (d)

2. Saturation Intensity.

- (a)
- (b)

3. Saturation of Atomic Transitions.

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)
- (g)