1. Transition Lifetimes and Blackbody Radiation. (a) (i) (iii) (b) (i) (iii) (c) (i) (iii) (iii) (d) 2. Saturation Intensity. (a) (b)	Name: Huan Q. Bui Course: 8.421 - AMO I Problem set: #9 Due: Friday, April 15, 2022.	
(ii) (b) (i) (iii) (c) (i) (iii) (iii) (d) 2. Saturation Intensity. (a)	1.	Transition Lifetimes and Blackbody Radiation.
(ii) (c) (i) (iii) (iii) (d) 2. Saturation Intensity. (a)	(a)	
(ii) (iii) (d) 2. Saturation Intensity. (a)	(b)	
(d) 2. Saturation Intensity. (a)	(c)	
(a)		(iii)
	2.	Saturation Intensity.
(b)	(a)	
	(b)	

(a) (b)

(c) (d)

(e) (f)

(g)