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Course: 8.421 - AMO I			
Problem set: #12			
Due: Monday, May 9, 20	022.		
 Bragg Scattering Two-Photon Stimul 	lated Raman Process		
(a)			
(b)			
(c)			
(d)			

(e)

(a) (b)

(i) (ii) (iii) (iv)

> (i) (ii)

2. 2S natural lifetime.

2. AC Stark Shift

2. Spontaneous Two-Photon Emission

1. The Göppert-Mayer formula.