Physics 4410 Quantum Mechanics 2

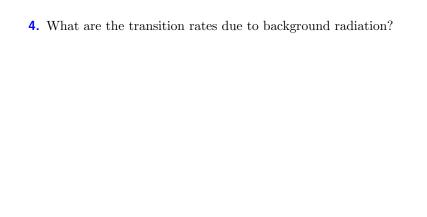
Lecture 32

Spontaneous emission of radiation

1. Review Fermi's golden rule.

2. Describe coupling to electromagnetic radiation.

3. Summarize background electromagnetic radiation at finite temperature.



5. Explain spontaneous emission.

 $\begin{tabular}{ll} \bf 6. & Consider the spontaneous emission of radiation from a spherically symmetric system. \end{tabular}$