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Atomic Spectroscopy and Radiative Page 1/52

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Atomic oscopy Spectroscopy Theoretical Atomicsses Spectroscopy Analytical Atomic Spectroscopy Atomic Astrophysics and Spectroscopy Spectroscopy Beam-Foil Spectroscopy Page 3/52

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Processes in y Plasma adiative

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Lecture 1.1c: Atomic Emission

Spectroscopy.
The Universe:

The Most

Dangerous Places
Page 6/52

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Page 8/52

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non-radiative
processes are
Page 43/52

depicted as solid and dashed lines. respectively. When the or molecule absorbs light an electron is promoted within 10 ?14 -10 ?15 s from the ground electronic state to an excited state that Page 44/52

should possess
the same spin
multiplicity as
the ground
state.

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Different
Page 45/52

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Physical
Processes in
Optical Emission
Spectroscopy ...
Page 47/52

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carbon dioxide and other ative atmospheric components is constructed within the framework of the standard atmosphere model, on the basis of classical molecular spectroscopy and Page 49/52

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