

























Lecture 33 CH101 A1 (MWF 9:05 am) Fail 2018 Ne 2p <sub>x</sub> <sup>2</sup> 2p <sub>y</sub> <sup>2</sup> 2p <sub>z</sub> <sup>2</sup> or 2p <sub>x</sub> <sup>2</sup> 2p <sub>y</sub> <sup>2</sup> 2p <sub>z</sub> 3s?	Lecture 33 CH101 At (MWF 905 am) Fal 2018 Ne $2p_x^2 2p_y^2 2p_z^2$ or $2p_x^2 2p_y^2 2p_z^3$ S? $2p_x^2 2p_y^2 2p_z^2$ has larger $Z_{eff}$ since 2p electrons do not shield $2p_x^2 2p_y^2 2p_z^3$ s has less electron repulsion but much smaller $Z_{eff}$ since $n = 2$ electron shield nearly completely.
BOSTON	BOSTON ENVIRENT









