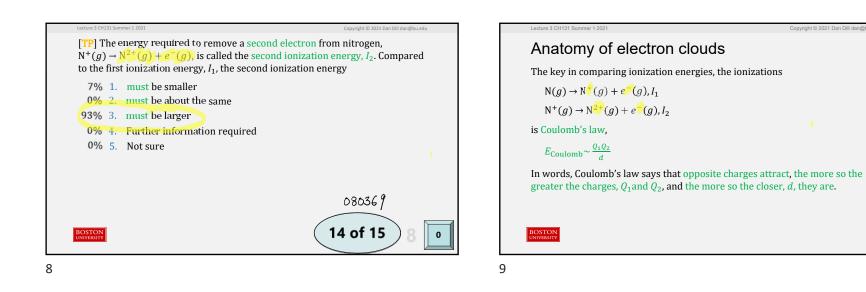
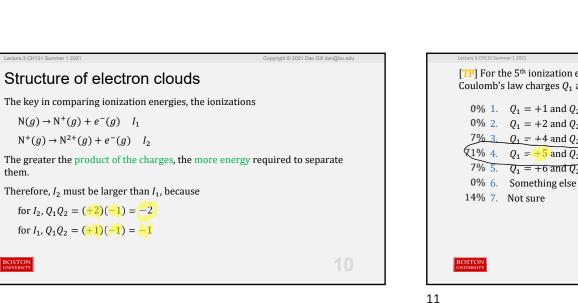
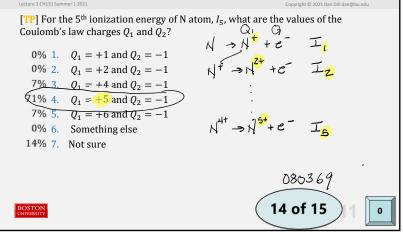
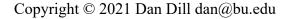


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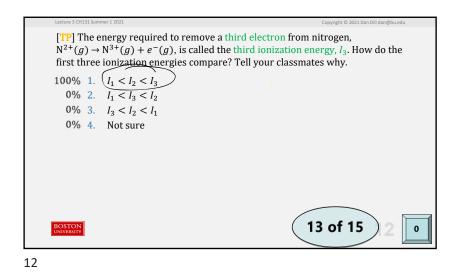


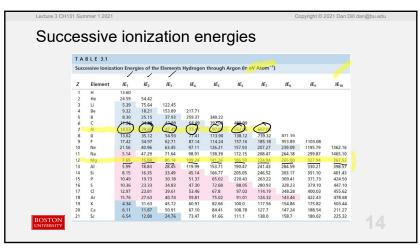


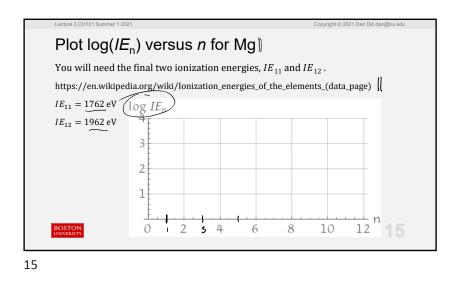


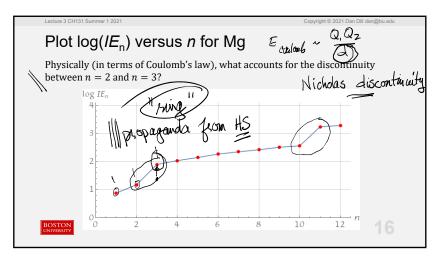
Lecture 3 CH131 Summer 1 2021

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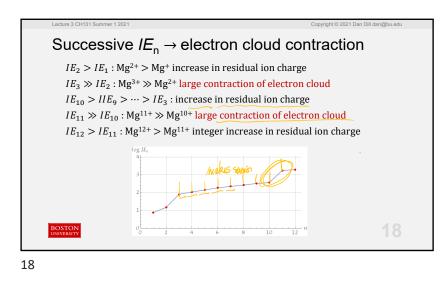


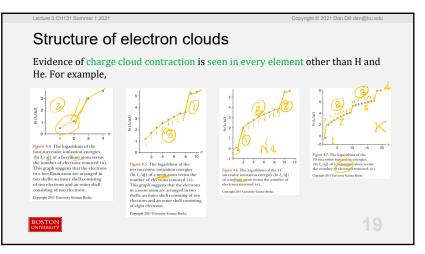


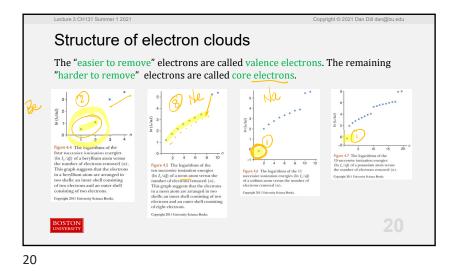


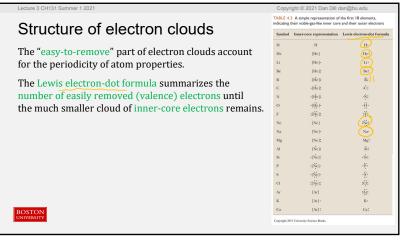


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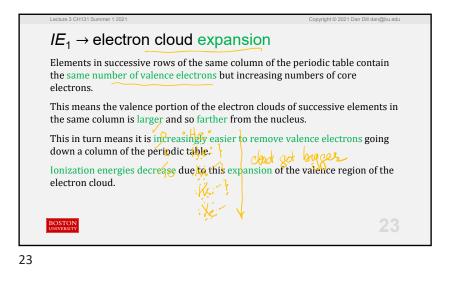




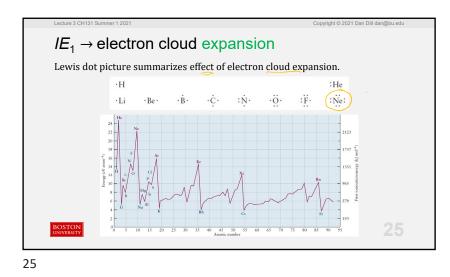


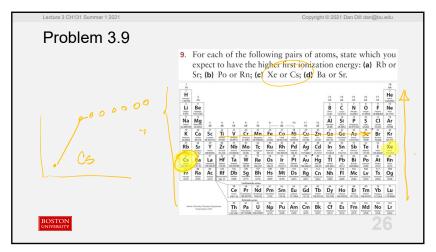
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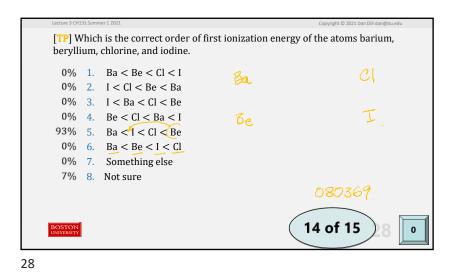


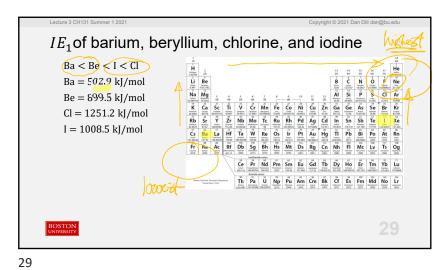


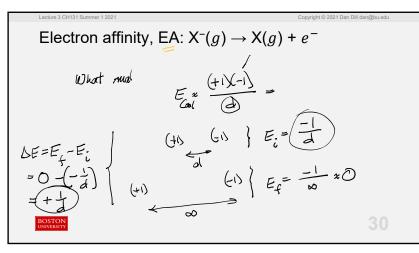




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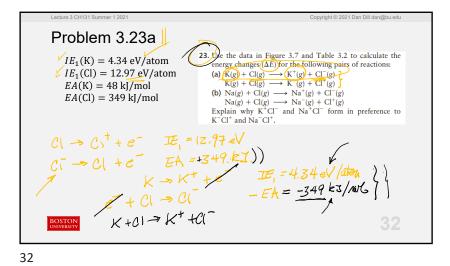


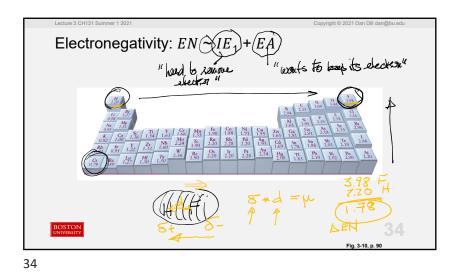


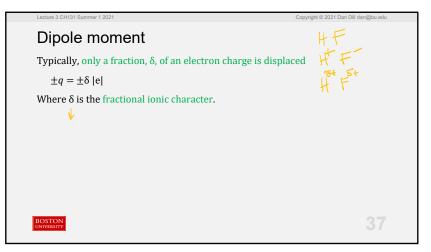


Copyright © 2021 Dan Dill dan@bu.edu Lecture 3 CH131 Summer 1 202 Electron affinity, EA: $X^{-}(g) \rightarrow X(g) + e^{-1}$ TABLE 3.2 Electron Affinity of Selected Atoms (in kJ mol⁻¹) н He * Ne * Ar * Kr * Xe * Re * 73 Li С F 328 Cl 349 Br 325 I 295 At 122 60 27 141 Na Mg A Si S 53 42 134 200 Ca Se Ga Ge As 2 41 119 79 195 Те Sr Sn Rh In Sb 47 5 29 107 101 190 Cs Ba Pb Ri Po T 46 14 19 35 91 183 270 *No stable anion A⁻ exists for this element in the gas phase.









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