

MATRL 100A: Structure and Properties I, assignment 1

Chapter 1

Make your own "Ashby" diagram of any two properties that interest you. You could for example, relate the electronegativity of elements with the density, and make a suitable plot for (say) 20 select elements from different parts of the periodic table. Comment on what you learn.

Chapter 2

Answer the following questions from the book:

2.2, 2.3, 2.7, 2.8

2.12

2.13, 2.14, 2.15

2.19, 2.21

2.23