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# Physics 422 H.W. 1

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Josh Lucas

September 11, 2018

## 1 LATTICE PLANES

**Draw a series of cubic unit cells with the following lattice planes on them**

- $(001)$ ,  $(110)$ ,  $(201)$ ,  $(2\bar{1}0)$ ,  $(1\bar{1}1)$

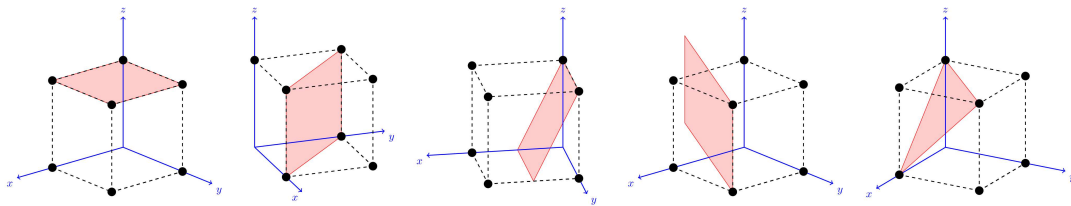


Figure 1.1: Miller indices from left to right;  $(001)$ ,  $(110)$ ,  $(201)$ ,  $(2\bar{1}0)$ , and  $(1\bar{1}1)$