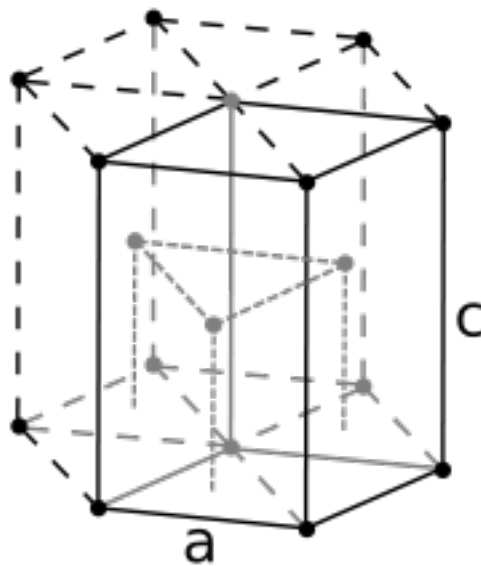# FYS3410 - module I

Kandidatnummer: 15010

February 15, 2018

2: Hexagonal crystal structure

a) number of atoms in the cell

There are four lattice points that are shared between six unit cells, four that are shared between twelve and one atom in the middle of the unit cell

$$\frac{4}{6} + \frac{4}{12} + 1 = 2$$