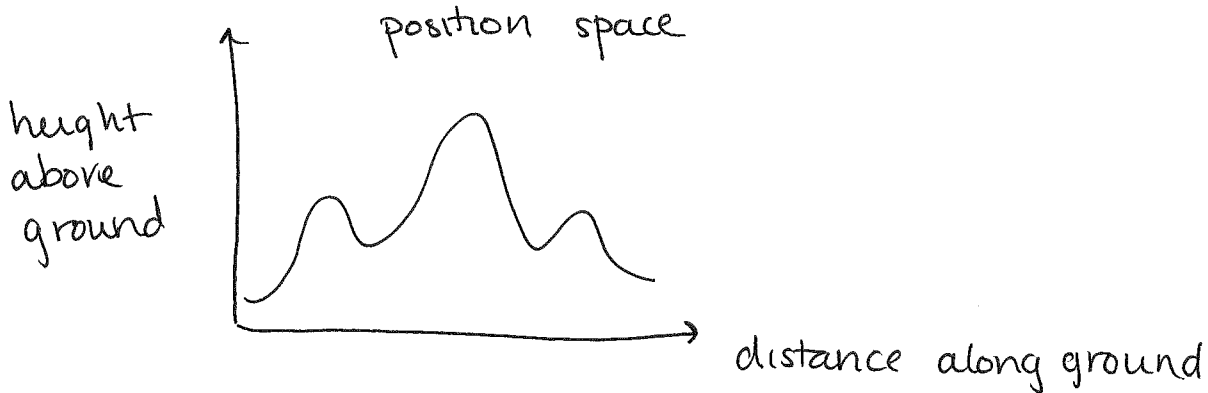
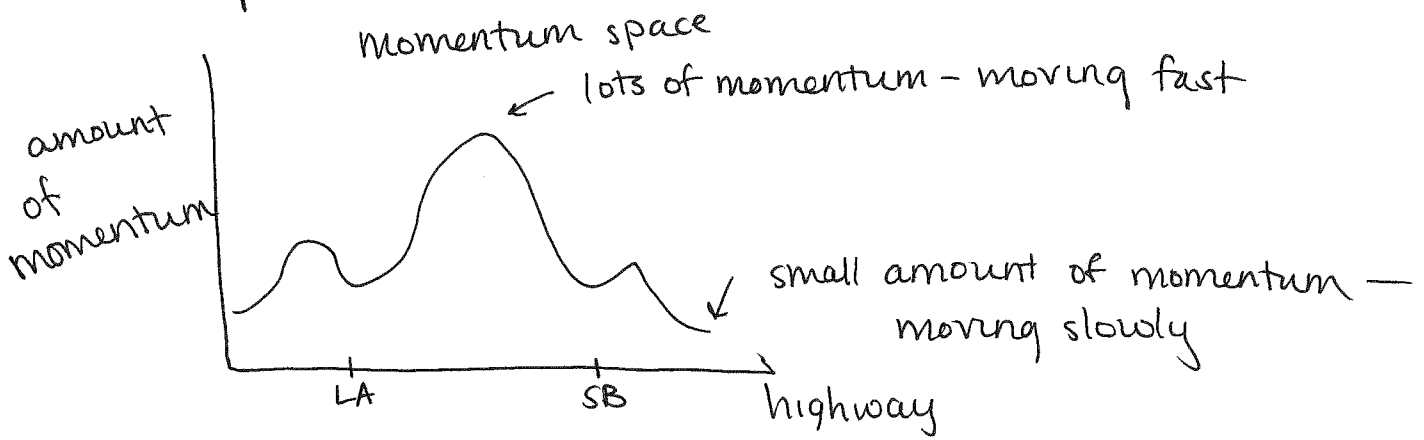
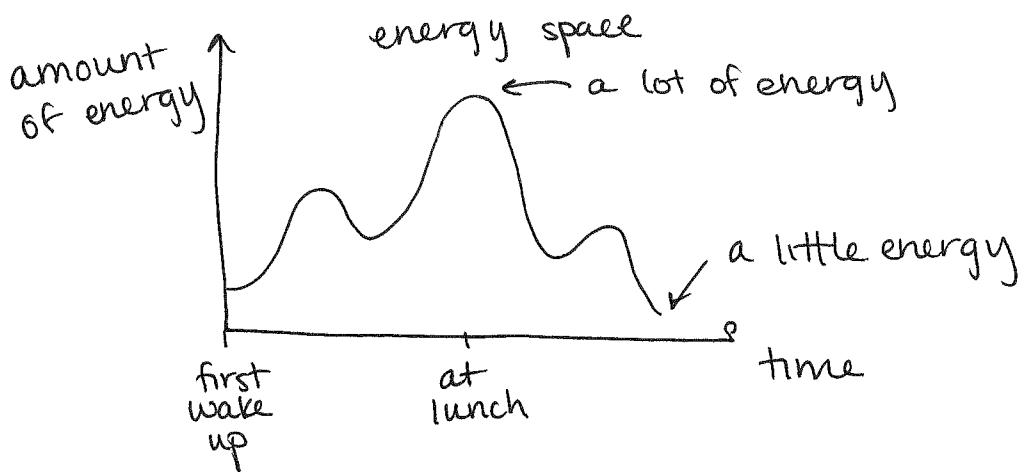


What space are we living in?

We are very used to position space, where we understand / talk about things in terms of their location.



In this course (and in general), we can always talk about things in terms of other quantities besides location, such as energy and momentum. We can decide to live in an energy world, or a momentum world



These / Worlds

These landscapes just help us understand our system. Sometimes it's easiest to use position to describe our system, but other times, it's easier to use energy or momentum. We are lazy and use whatever is easiest and most helpful.

In practice, we can also jump between these worlds, or spaces.