Erratum

Page 85, line -6: Please read $U(t) = \exp(-\mathrm{i}tH)$.

Exercise 1.4.1. I am overly optimisitic here. I am assuming that the reader knows the following fact from integration theory: If a (reasonnable) function f defined on an interval I is such the $\int_I \mathrm{d}x f(x)\xi(x) = 0$ for each function ξ which is continuous and with support in I then f is zero a.e. on I.

Exercise 4.1.4 page 115. The definition of $\mathcal{H}$ should be the definition of $\mathcal{H}'$ and conversely.

Page 740, first column, line -11, read "momentum state space."