Errata for Chapter 17 of Subatomic Physics (3rd edition).

1) On page 534, item 2:
The example with $^{69}$Ga is incorrect: 3 protons in the 2p3/2 sub-shell can only yield $J^\pi = 3/2^-$, as can easily be seen by considering the system as a single hole in the 2p3/2 sub-shell. A more appropriate example is $^{51}$V, with 23 protons and 28 neutrons. Here we can consider 3 protons in the f7/2 sub-shell. The orbits allowed by the Pauli principle have $J^\pi = 3/2^-, 5/2^-, 7/2^-, 9/2^-, 11/2^-, 15/2^-$. However, the ground state has $J^\pi = 7/2^-$, due to the pairing, which couples two of the protons to $J^\pi = 0^+$. 

2) On problem 17.19:
“(a) Determine the next shell closures beyond those of $Z = 82$ and $Z = 128$.” should be replaced by
“(a) Determine the next shell closures beyond those of $Z = 82$ and $Z = 126$.”