Section #9.2.4

Replace part b) of Exercise #1 with the following:

b) If $k \neq 4$ and $\lambda \in \mathrm{Par}(k)$ and if λ is not a hook, then $\sigma^{\lambda}\big|_{\mathfrak{S}_k}$ has a non-hook summand.

Replace the second sentence in the hint to Exercise #2 with the following:

If $k = 4$ show that $\sigma^{[2,2]}$ doesn't appear in $\bigwedge^p \pi_4$ for $p = 1, 2, 3$ and prove the result for $k = 3$ and $k = 4$. Now prove the result by induction starting with $k = 4$ using part b) of exercise 9.2.4.1.