

1. p.31, Lemma 7.9: in the integral formula  $\mu^\alpha$  should be changed to  $\mu^{-\alpha}$
2. p.34, maybe that's just me but I don't see how the fact that  $B = B^2$  for any  $C^*$ -algebra  $B$  follows from functional calculus (but it follows from Remark 14.8). However, this fact is not needed to prove the statement. To show  $I \cap J \subset IJ$  we only need to note that  $[x^*][x] = [0]$  for every  $[x] \in I \cap J / IJ$ .
3. p.74, Proposition 17.2, in the first part of the proof it should be mentioned that the states corresponding to  $\xi_1/\|\xi_1\|$  and  $\xi_2/\|\xi_2\|$  are not both equal  $\sigma$  (because if they are,  $\rho[A]\xi$  isn't dense in  $H$ ).
4. In Lecture 17 the notation  $P(A)$  for the space of pure states appears, yet it isn't explicitly defined anywhere.
5. p. 78, Proposition 18.3, at the beginning of the proof: the closed convex subset is  $S(A)$ .  $P(A)$  is its set of extreme points which is not necessarily closed in the general case. I don't know how to complete the proof  $\odot$ .
6. p. 82, Definition 19.7, I think  $\overline{xAx}$  was meant to be  $\overline{xAx^*}$ .
7. p. 85, in Lemma 20.5 we consider the  $C^*$ -algebra generated by the Toeplitz operators with continuous symbol, not all Toeplitz operators.
8. p.86, Proposition 20.8, the only **closed** set containing  $p_0$  is the whole space.
9. p.88, Lemma 20.15, we should take the product of the representations where polynomials of  $x_i$  are dense, not all representations.
10. p.97, Lemma 22.7, for the calculations in the proof to be correct we must have  $S \in \mathcal{R}$  and  $T \in \mathcal{L}$  and it's the other way around now.
11. p.101, Lemma 24.2, the last statement is never proved. It follows from Proposition 14.11. (It is mentioned later on the page actually)
12. p.110, Lemma 26.6, the correct constant is  $\sqrt{n} + 1$ , not  $2\sqrt{n}$ . That's because in the last part where  $T$  is written as  $T' + (T'')^*$  the case of  $(T'')^*$  is done a little differently. The first step is the same but then we say that  $(T'')^*U_i^*U_1 = 0$  since  $(T'')^*H_2 = 0$ .

13. p.113, Proposition 27.4,  $\tau_M(e)$  is actually equal to  $\text{Index}_M(e)$ , not  $-\text{Index}_M(e)$ .  
There is a missing minus in the first equation on the next page.
14. p.117, Lemma 20.4, in the item (ii)  $X$  should belong to the closed convex hull of the matrices, not span.
15. p.125, Proposition 30.4, the map  $\psi_n$  sends  $S$  to  $\sum_{g \in G} \lambda(g) V S V^* \lambda(g)^*$