

Due Date: 7th September 2022, 10pm *Problems Due: 1, 2, 6, 8*

1. Exercise 5.2.18 in [AS08]
2. Exercise 5.2.21 in [AS08]
3. Exercise 5.2.22 in [AS08]
4. Exercise 5.2.24 in [AS08]
5. Exercise 5.5.10 in [Ros06]
6. Exercise 5.5.11 in [Ros06]
7. Exercise 5.5.12 in [Ros06]
8. Exercise 5.5.15 in [Ros06]

References

- [AS08] Siva Athreya and Viakalathur Shankar Sunder. *Measure & probability*. Universities Press, 2008.
- [Ros06] Jeffrey S Rosenthal. *First Look At Rigorous Probability Theory, A*. World Scientific Publishing Company, 2006.