

Revision Classes B4.1 Functional Analysis 1

I will keep posting information about the revision classes in this document.

The revision classes in W5 (lead by Jonah Duncan) will focus on the 2018 exam and it is expected that you send any other questions you would like to see discussed in by email to Jonah at least 48 hours before the class.

Revision class 1, Monday W2

2012, Q1b)

2012 Q1c)

2013 Q1b)iv)

2013 Q2b)

Revision class 2, Friday W2

2014 Q1a), Q2c), d), Q3b)

Revision class 3, Monday W3

2015 Q1a)(ii), Q2c), d), 3b)

Revision class 4, Fr W3

Questions from 2016 exam

Revision class 5, Mo W4

Questions from 2017 exam

Revision class 6, Fr W4

Sent in questions on any topic

Last year I had done some revision classes on a specific topic. While this is not practical this year (due to different time zones) I thought it might still be useful to share the list of questions we had used for each of these topics back then.

Normed spaces and linear operators

2016 Q1, 2015 Q1 (ii)-(iv) 2015, 2012 Q 1 (b), 2016 Q3

Hahn-Banach

2014 Q2(d), 2015 Q2, 2016 Q2(c)

Density and Stone Weierstrass, dual spaces and second duals

2017 Q2(c)(ii), 2012 Q2 (b), 2013 Q 2 (b), 2014 Q3 (b), 2016 Q2 (d)

Spectral Theory

2015 Q3, 2012 Q3