Session 3

Reading assignment

Liberzon chapters 4.1, 4.3 – 4.5.

Exercises

3.1. = Liberzon Exercise 4.1. (Deriving the Euler-Lagrange equation for brachistochrone is enough. No need to derive that its solutions are cycloids.)

3.2. = Liberzon Exercise 4.8

3.3. = Liberzon Exercise 4.10

3.4. = Liberzon Exercise 4.11

3.5. = Liberzon Exercise 4.12

3.6. = Liberzon Exercise 4.15

3.7. = Liberzon Exercise 4.16