

Ma 2a P: Homework N.7*

due Tuesday Nov 23, 12 noon

1. Problem #25 of §6.5 (initial value problem with delta function)
2. Problems #1 and #12 in §6.6 (properties of convolution product)
3. Problems #19 and #20 of §7.5 (vector valued Euler equation)
4. Problem #31 of §7.5 (equilibrium points of vector system)
5. Optional extra credit problem: Problems #29 of §7.5 (second order scalar equation and first order system)

*Numbering of problems according to the 9th edition of the textbook