Integration Theory— Homework MAT 726, Spring 2016 — D. Ivanšić

List of Assigned Problems

Note: comma-separated objects count as one problem that earns the number of points stated in the column PF = Problem Farm

| Section | Type A (5 pts) | Type B (8 pts) | $\begin{array}{c c} \mathbf{Type} \ \mathbf{C} \\ (12 \mathrm{pts}) \end{array}$ |
|---------|-------------------------------|---|--|
| 1.4 | 27, 29, 33 | 30, 31, 32, 35, 36, 37 | 28, 34a, 34b |
| 2.1 | 1, 2, 4, all in PF 1.4 | 3, all in PF 1.4 | (none) |
| 2.2 | 5,6&9 | 7, 8 | 10 |
| 2.3 | 14 | 11, 12, 13, 15 | (none) |
| 2.4 | 17, 18 | 16, 19, 20, 21, 22, 23 | (none) |
| 2.5 | 24, 25 | 26, 28 | 27 |
| 2.6 | 30, 31 | 29, 32, 33 | (none) |
| 2.7 | 34, 36, 43 | 35, 37, 39, 40, 42 | 38 |
| 3.1 | 1, 2, 3, 6 | 4, 5, 7, 10&11 | 8, 9 |
| 3.2 | 12, 19, 21 infsup, 24 | 13, 18, 20, 21liminfsup, 23 | 14&15, 16&17 |
| 3.3 | 28, 30 | 25, 26, 27, 29, 31 | (none) |
| 4.1 | 1, 3, 7 | 2, 4, 5, 6 | 8 |
| 4.2 | 9, 12, 13, 14 | 10, 11, 16 | (none) |
| 4.3 | 17, 18, 23, 25, 26 | 19, 20, 22, 24, 27 | 21 |
| 4.4 | 28, 31 | 29, 30, 32, 34 | 33 |
| 4.5 | 37, PF 4.5 | 38i, PF 4.5 | 39 |
| 4.6 | 41, 42, 43, 48 | 40, 47i, 50, 51 | 44, 49 |
| 7.1 | 2, 3 | 1, 4, 5 | (none) |
| 7.2 | 6, 7ex1, 9, 14, 15, 16, 18 | $\begin{array}{c} 7\mathrm{ex}2,8,10,\\ 11\&12,13,19\&20 \end{array}$ | (none) |
| 7.3 | 24, 25, 26 | $\begin{array}{c} 23,\ 28,\ 29,\\ 30\&31,\ 32\&33,\ 35\end{array}$ | 27, 34 |