

MATH-2010: Multivariable Calculus and Matrix Algebra

Suggested Problems

Exercises From the Calculus Text (Rogawski, et al, 4th Edition):

Section 14.3: 17, 25, 35, 45, 55, 65, 69

Section 14.4: 3, 7, 11, 13, 19, 21, 33

Section 14.5: 7, 17, 29, 33, 35, 41, 47, 55

Section 14.6: 5, 7, 13, 19, 29, 41

Section 14.7: 3, 11, 17, 51, 57, 59

Section 14.8: 5, 13, 18, 22, 35

Section 15.1: 19, 30, 33, 39, 47

Section 15.2: 5, 7, 23, 29, 44, 45

Section 15.3: 3, 11, 15, 21, 23

Section 15.4: PQ2, PQ3, 9, 19, 21, 31, 45

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Section 16.2: 13, 15, 21, 27, 31, 39, 55

Section 16.3: 5, 11, 19, 25, 29

Section 17.1: 3, 9, 11, 15, 28, 29

Problems From the Linear Algebra Text (Johnson, et al, 5th ed):

Section 1.1: 11, 13, 14

Section 1.2: 23, 29, 37, 50

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Section 1.5: 1, 5, 13, 25, 33, 47, 53a, c

Section 1.6: 7, 9, 15, 17, 23, 29, 35, 39

Section 1.7: 3, 11, 31, 41, 45

Section 1.9: 13, 17, 27, 33, 49