Indian Institute of Science

Linear and non-linear programming-1

Instructor: Shayan Srinivasa Garani
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Final exam, Spring 2018

Late submission policy: Points scored = Correct points scored $\times e^{-d}$, d = # days late

Assigned date: April. 27$^{\text{th}}$ 2018   **Due date:** May. 9$^{\text{th}}$ 2018 in class

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Note:

- There are 5 problems and the total number of points is 100.
- Book: Linear and Nonlinear Programming by David Luenberger and Yinyu Ye.

Solve the following problems:

   (a) Chapter 3: problem # 14.
   (b) Chapter 4: problem # 9.
   (c) Chapter 5: problem # 3 and 5.
   (d) Chapter 6: problem # 7.