



Department of  
Industrial Engineering

## IE 454 Combinatorial Analysis

<http://ie454.cankaya.edu.tr>

FALL 2010 Tuesday 9:40-12:30 A201

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### HOMEWORK 4 – Group Work

Due: Jan. 11

Given the below graph with equal edge weights, determine the Kernighan–Lin solution of the maxcut/mincut problem if the initial partition is  $S = \{1, 2, 3, 4, 14, 15, 16, 17, 18\}$ .

