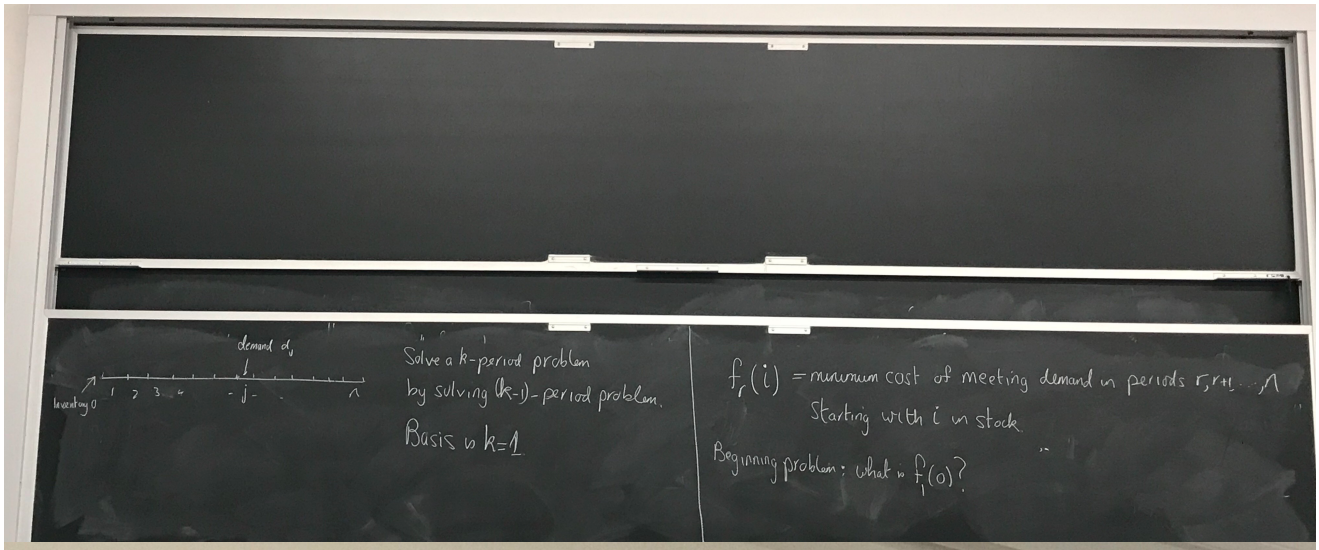
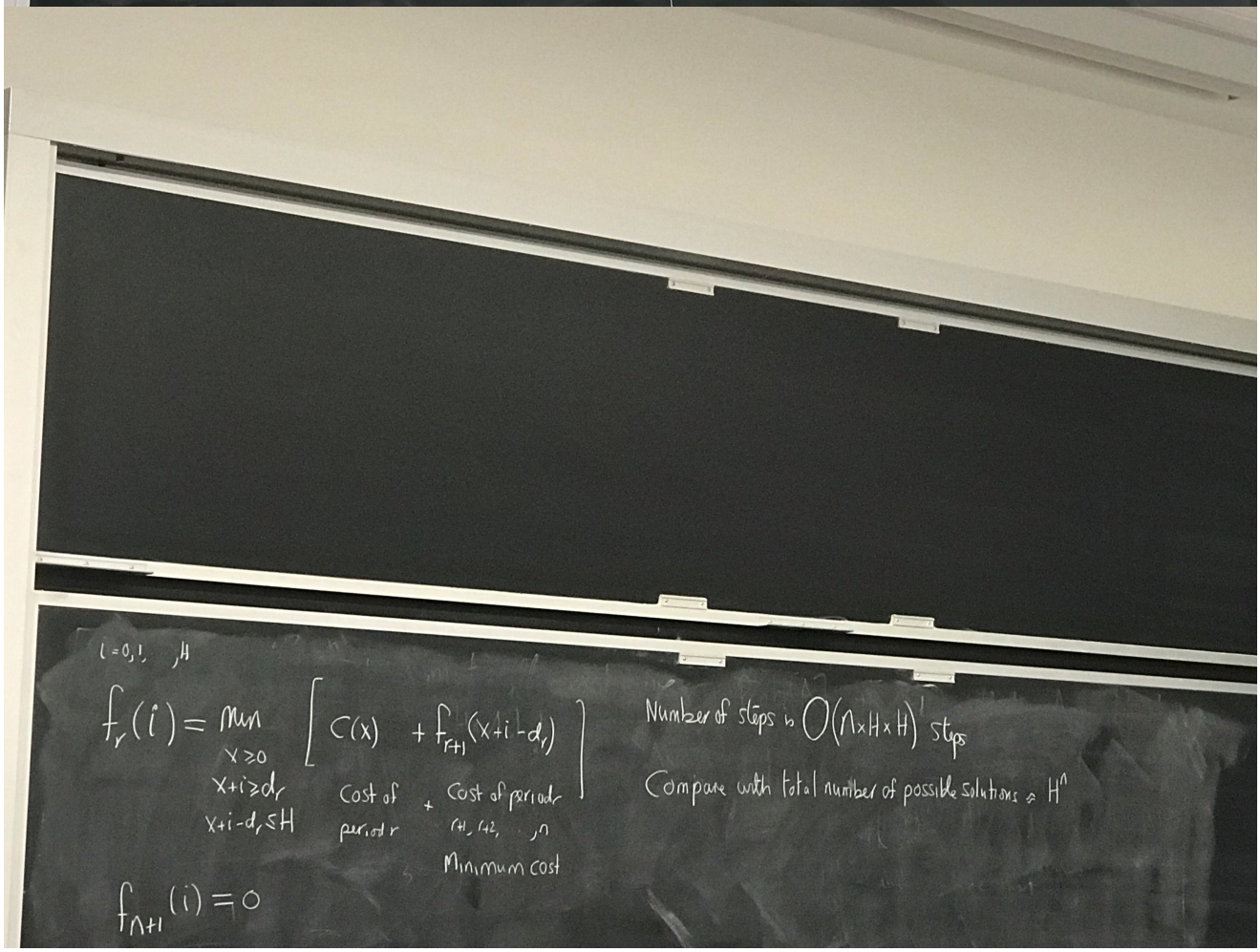
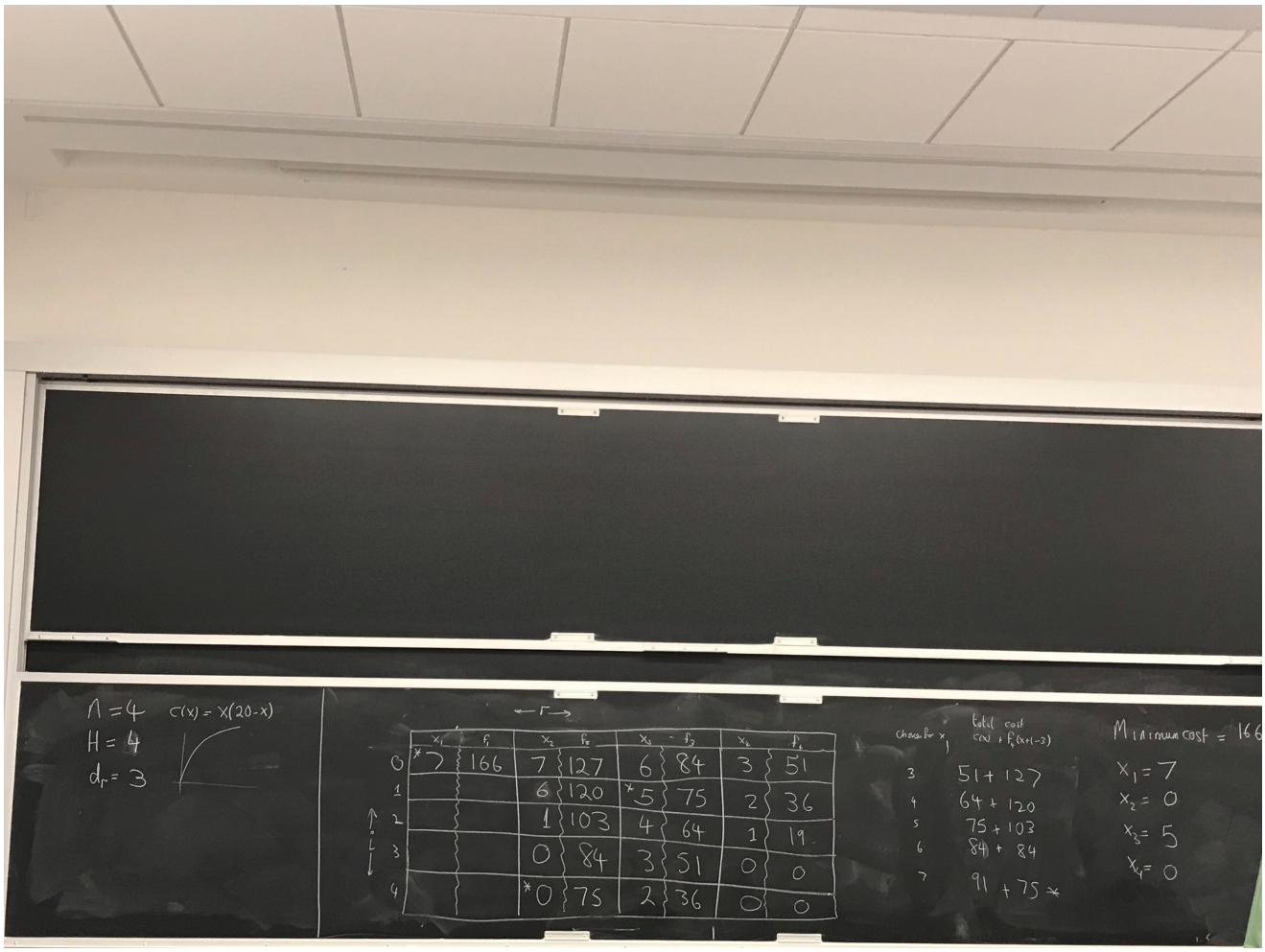
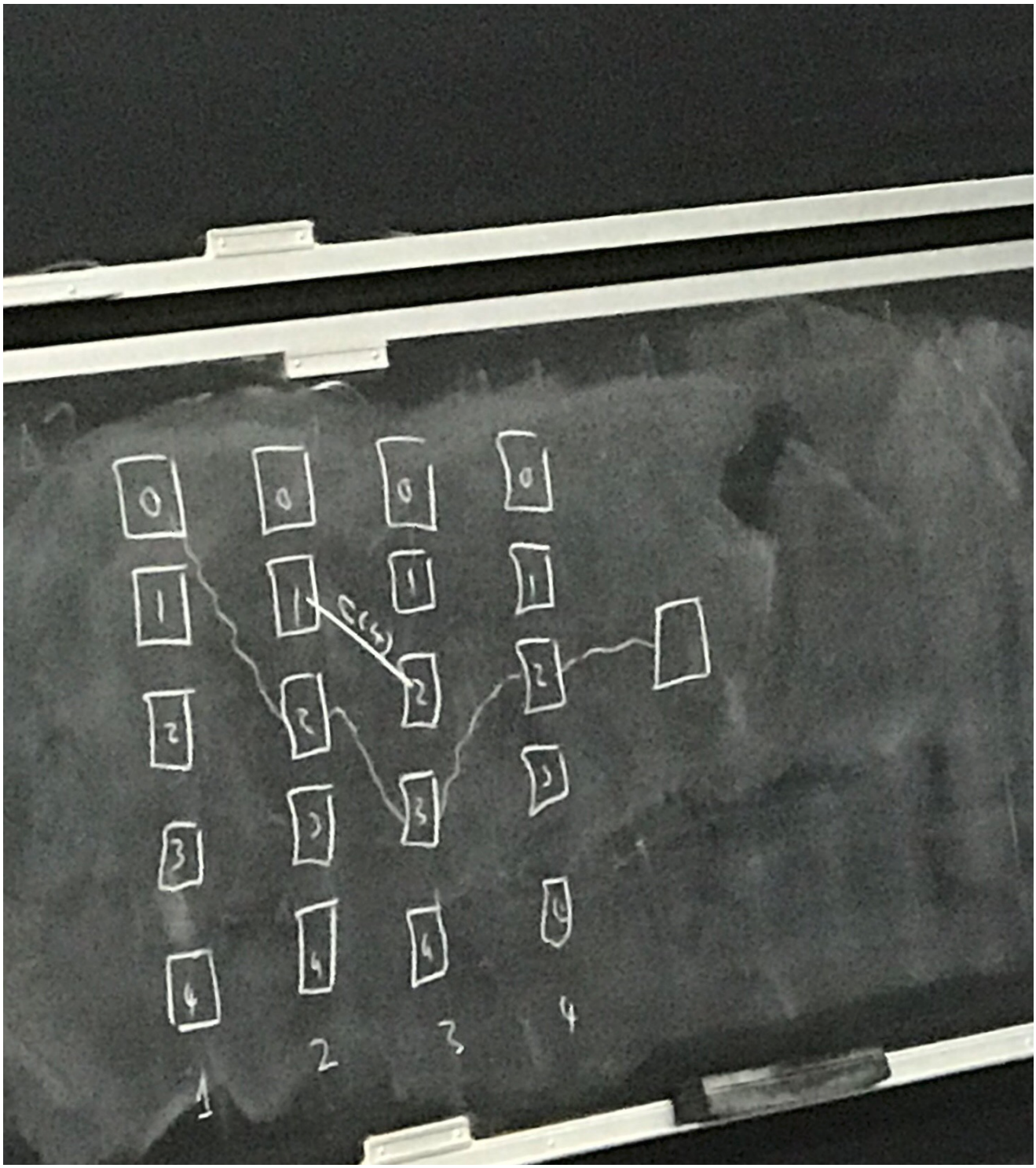
Subject: 21393 Lecture 2 pictures
From: Chenchen Zhao <czhao2@andrew.cmu.edu>
Date: 8/28/19, 2:25 PM
To: Alan Frieze <af1p@andrew.cmu.edu>






N = 4
H = 4
d_p = 3
C(x) = X(20-x)
← r →
i
x_1 f_1 x_2 f_2 x_3 f_3 x_4 f_4
0 *7 166 7 127 6 84 3 51
1 6 120 *5 75 2 36
2 1 103 4 64 1 19
3 0 84 3 51 0 0
4 *0 75 2 36 0 0
choose x_1
Total cost
C(x) + f_2(x+(-3))
3 51 + 127
4 64 + 120
5 75 + 103
6 84 + 84
7 91 + 75 ×
Minimum cost = 166
x_1 = 7
x_2 = 0
x_3 = 5
x_4 = 0



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Rosie Chenchen Zhao