

# MA 26600

## Final

Mon., May 1, 2017

8:00 a.m. – 10:00 a.m.

### INSTRUCTOR

### LOCATION

Arindam Banerjee

Loeb Playhouse

Min Chen

Loeb Playhouse

Long Jin

Loeb Playhouse

Yanghui Liu

Loeb Playhouse

Yong Suk Moon

Fowler Hall

Samy Tindel

Loeb Playhouse

Jie Xu

Loeb Playhouse

Yang Yang

Fowler Hall

Sai Kee Yeung

Fowler Hall

Ying Zhang

Loeb Playhouse

# FOWLER HALL - STEW 130

## STAGE

|     |     |     |           |     |     |    |    |               |    |    |    |    |    |               |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----------|-----|-----|----|----|---------------|----|----|----|----|----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |           | A11 | A9  | A7 | A5 | A3            | A1 | A  | A2 | A4 | A6 | A8            | A10 | A12 |     |     |     |     |     |     |
|     |     | B15 | B13       | B11 | B9  | B7 | B5 | B3            | B1 | B  | B2 | B4 | B6 | B8            | B10 | B12 | B14 | B16 |     |     |     |     |
| C19 | C17 | C15 | C13       | C11 | C9  | C7 | C5 | Sai Kee Yeung |    |    |    |    | C6 | C8            | C10 | C12 | C14 | C16 | C18 | C20 |     |     |
| D19 | D17 | D15 | D13       | D11 | D9  | D7 | D5 |               |    |    |    |    | D6 | D8            | D10 | D12 | D14 | D16 | D18 | D20 |     |     |
| E19 | E17 | E15 | E13       | E11 | E9  | E7 | E5 | E3            | E1 | E  | E2 | E4 | E6 | E8            | E10 | E12 | E14 | E16 | E18 | E20 |     |     |
|     | F19 | F17 | F15       | F13 | F11 | F9 | F7 | F5            | F3 | F1 | F  | F2 | F4 | F6            | F8  | F10 | F12 | F14 | F16 | F18 | F20 |     |
|     | G19 | G17 | G15       | G13 | G11 | G9 | G7 | G5            | G3 | G1 | G  | G2 | G4 | G6            | G8  | G10 | G12 | G14 | G16 | G18 | G20 |     |
|     | H19 | H17 | H15       | H13 | H11 | H9 | H7 | H5            | H3 | H1 | H  | H2 | H4 | H6            | H8  | H10 | H12 | H14 | H16 | H18 | H20 |     |
|     | J19 | J17 | J15       | J13 | J11 | J9 | J7 | J5            | J3 | J1 | J  | J2 | J4 | J6            | J8  | J10 | J12 | J14 | J16 | J18 | J20 |     |
|     | K19 | K17 | Yang Yang |     |     |    |    |               | K3 | K1 | K  | K2 | K4 | Yong Suk Moon |     |     |     |     |     | K18 | K20 |     |
|     | L19 | L17 |           |     |     |    |    |               | L3 | L1 | L  | L2 | L4 |               |     |     |     |     |     | L18 | L20 |     |
|     | M19 | M17 | M15       | M13 | M11 | M9 | M7 | M5            | M3 | M1 | M  | M2 | M4 | M6            | M8  | M10 | M12 | M14 | M16 | M18 | M20 |     |
|     | N19 | N17 | N15       | N13 | N11 | N9 | N7 | N5            | N3 | N1 | N  | N2 | N4 | N6            | N8  | N10 | N12 | N14 | N16 | N18 | N20 |     |
| O19 | O17 | O15 | O13       | O11 | O9  | O7 | O5 | O3            | O1 | O  | O2 | O4 | O6 | O8            | O10 | O12 | O14 | O16 | O18 | O20 |     |     |
| P21 | P19 | P17 | P15       | P13 | P11 | P9 | P7 | P5            | P3 | P1 | P  | P2 | P4 | P6            | P8  | P10 | P12 | P14 | P16 | P18 | P20 | P22 |
| Q21 | Q19 | Q17 | Q15       | Q13 | Q11 | Q9 | Q7 | Q5            | Q3 | Q1 | Q  | Q2 | Q4 | Q6            | Q8  | Q10 | Q12 | Q14 | Q16 | Q18 | Q20 | Q22 |
| R21 | R19 | R17 | R15       | R13 | R11 | R9 | R7 | R5            | R3 | R1 | R  | R2 | R4 | R6            | R8  | R10 | R12 | R14 | R16 | R18 | R20 | R22 |
| S21 | S19 | S17 | S15       | S13 | S11 | S9 | S7 | S5            | S3 | S1 | S  | S2 | S4 | S6            | S8  | S10 | S12 | S14 | S16 | S18 | S20 | S22 |
| T21 | T19 | T17 | T15       | T13 | T11 | T9 | T7 | T5            | T3 | T1 | T  | T2 | T4 | T6            | T8  | T10 | T12 | T14 | T16 | T18 | T20 | T22 |
| U21 | U19 | U17 | U15       | U13 | PU9 |    | U7 | U5            | U3 | U1 | U  | U2 | U4 | U6            | U8  | U10 | U14 |     | U16 | U18 | U20 | U22 |

BACK

6 12 19 22 24 24 23 23 23 23      6 13 19 19 19 19 18 18 18 18 14 8 1      25 25 25 25 25 25 22 19 12 6

**Arindam Banerjee**

## 419/213 Seating

Figure 1 shows a 15x15 grid representing a 15-puzzle state. The grid is divided into four quadrants by a vertical line. The left half contains numbers 1-14, and the right half contains numbers 1-14. The bottom row is labeled with names: Jie Xu, Long Jin, and Ying Zhang. The grid is surrounded by a red border.