

**CE 201 (091)**  
**Sections 3 & 4**  
**Final Answers for HW # 7**

- |    |                            |    |       |
|----|----------------------------|----|-------|
| 1) | $N_A \approx \pm 14.23$    | OR | 23.74 |
|    | $N_B \approx \pm 27.95$    | OR | 33.67 |
| 2) | $A_z \approx \pm 17.92$    | OR | 13.08 |
|    | $B_x \approx \pm 13.08$    | OR | 17.92 |
|    | $B_y \approx \pm 19.62$    | OR | 15.66 |
| 3) | $A_x \approx \pm 250$      | OR | 200   |
|    | $A_y \approx \pm 100$      | OR | 150   |
|    | $M_A \approx \pm 1600$     | OR | 1550  |
| 4) | $W_2 \approx 2484$         | OR | 1178  |
|    | $A_x \approx \pm 2034$     | OR | 2400  |
|    | $A_y \approx \pm 2425$     | OR | 2279  |
| 5) | a- <i>yes OR no</i>        |    |       |
|    | b- $A_x \approx \pm 4.672$ | OR | 5.714 |
|    | $A_y \approx \pm 5.429$    | OR | 6.751 |
|    | c- <i>yes OR no</i>        |    |       |