Warm-up (do not turn in): Brualdi #3.5, #3.14, #3.18

Homework: Brualdi #3.7, #3.8, #3.17

A. The numbers 1 through 20 are arranged around a circle in some order. Prove that some three adjacent numbers sum to at least 32.

B. Show that for any five points on a sphere, there exists a closed hemisphere containing four of them.