Leader Election

 What is the worst case turnaround time for the ring leader election algorithm? (# of message transmissions)

- A: N

- B: 2N

- C: 3N

- D: 3N-1

Leader Election

• Ring-based algorithm guarantees:

– A: Safety

– B: Liveness

- C: Both

D: Neither

Leader Election

 What is the worst-case message complexity of the Bully algorithm?

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- A: O(1)
```

 $-B:O(\sqrt{N})$

-C:O(N)

– D: O(N log N)

 $- E: O(N^2)$