

Exercises for Lecture 6: Perception of Motion

Read the following article and answer the questions below:

Stern, R. M. and Koch, K. L. (1996). Motion sickness and differential susceptibility.
Current Directions in Psychological Science, 5, 115-120.

1. Who are more susceptible to motion sickness, African Americans or Asian Americans?
2. Why is NASA interested in motion sickness?
3. What do most investigators believe to be the cause of motion sickness?
4. Who was the first person to suggest that we vomit in response to motion sickness because our brains think we've been poisoned?
5. How long does it usually take for susceptible subjects to start to feel motion sickness when inside an optokinetic drum?
6. What is gastric tachyarrhythmia?
7. Summarise the psychophysiological measures that correlate highly with motion sickness.
8. What is the Rod and Frame test?
9. Discuss whether the authors actually provide an explanation for why Asian and Asian-American subjects were more susceptible to motion sickness than European-American and African-American subjects.