



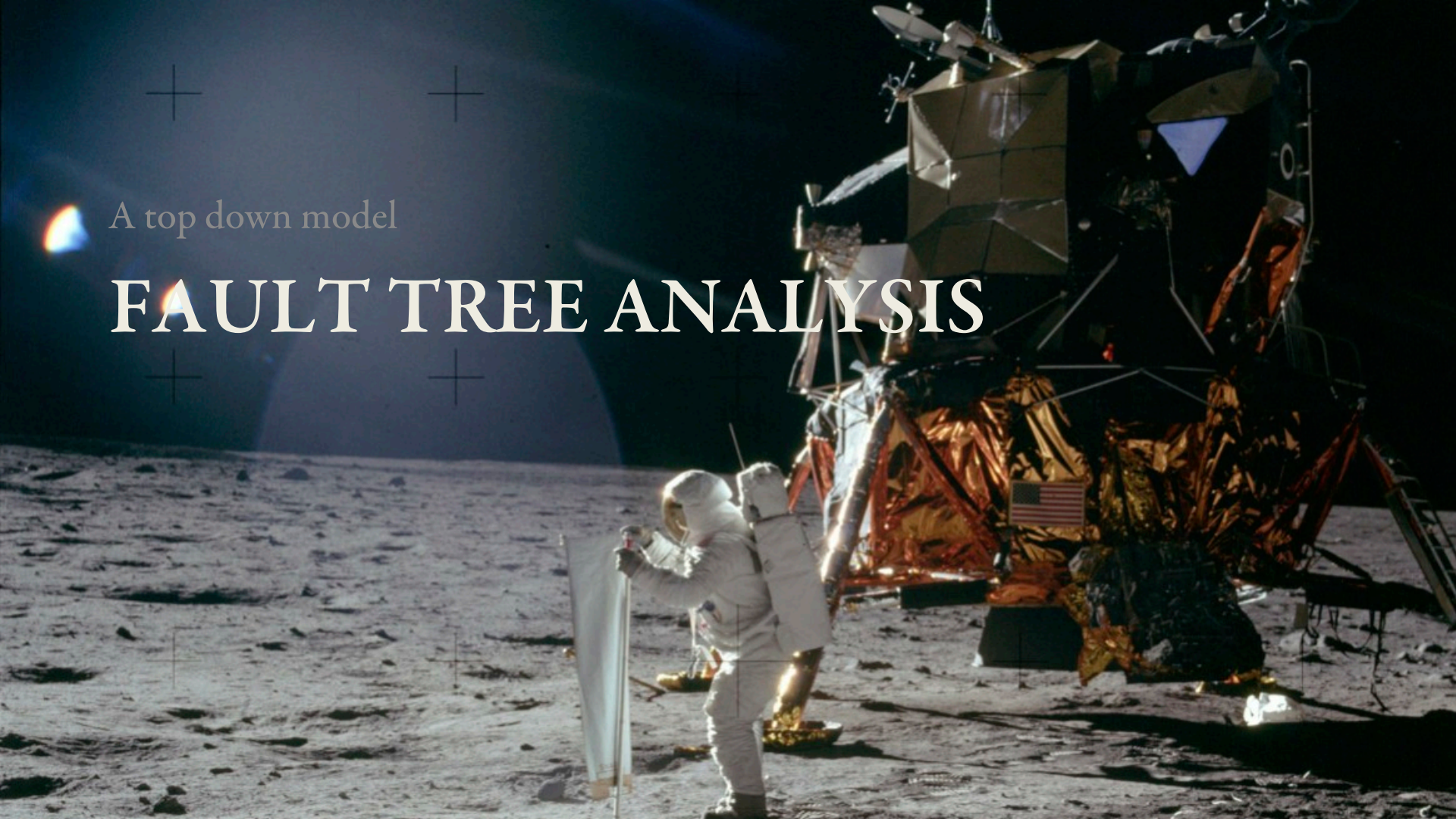
# ASQ CRE Prep course

Lesson III. A. 5.

Fault Tree Analysis (FTA) &  
Success Tree Analysis (STA)

A top down model

# FAULT TREE ANALYSIS

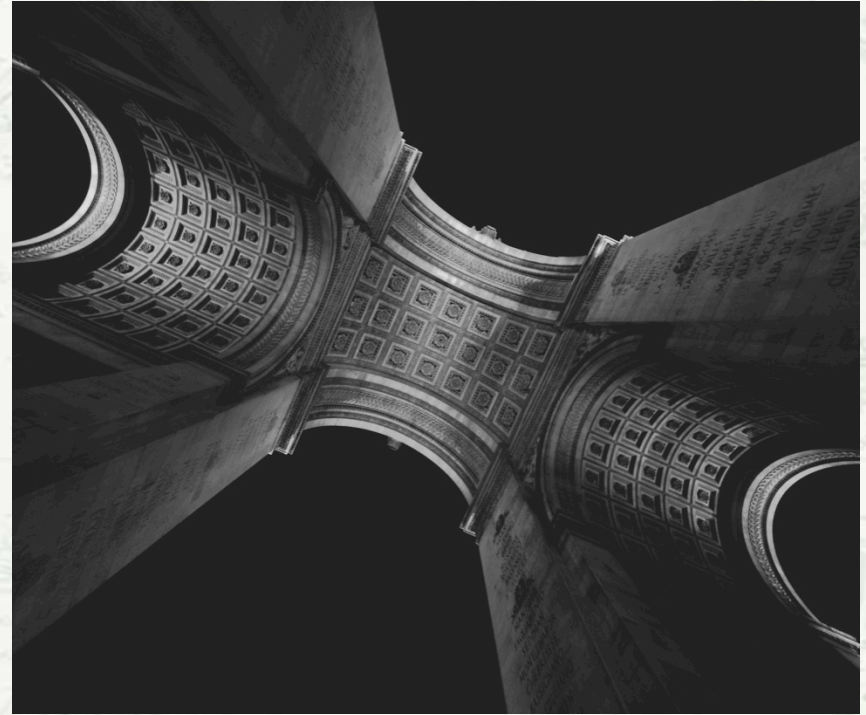


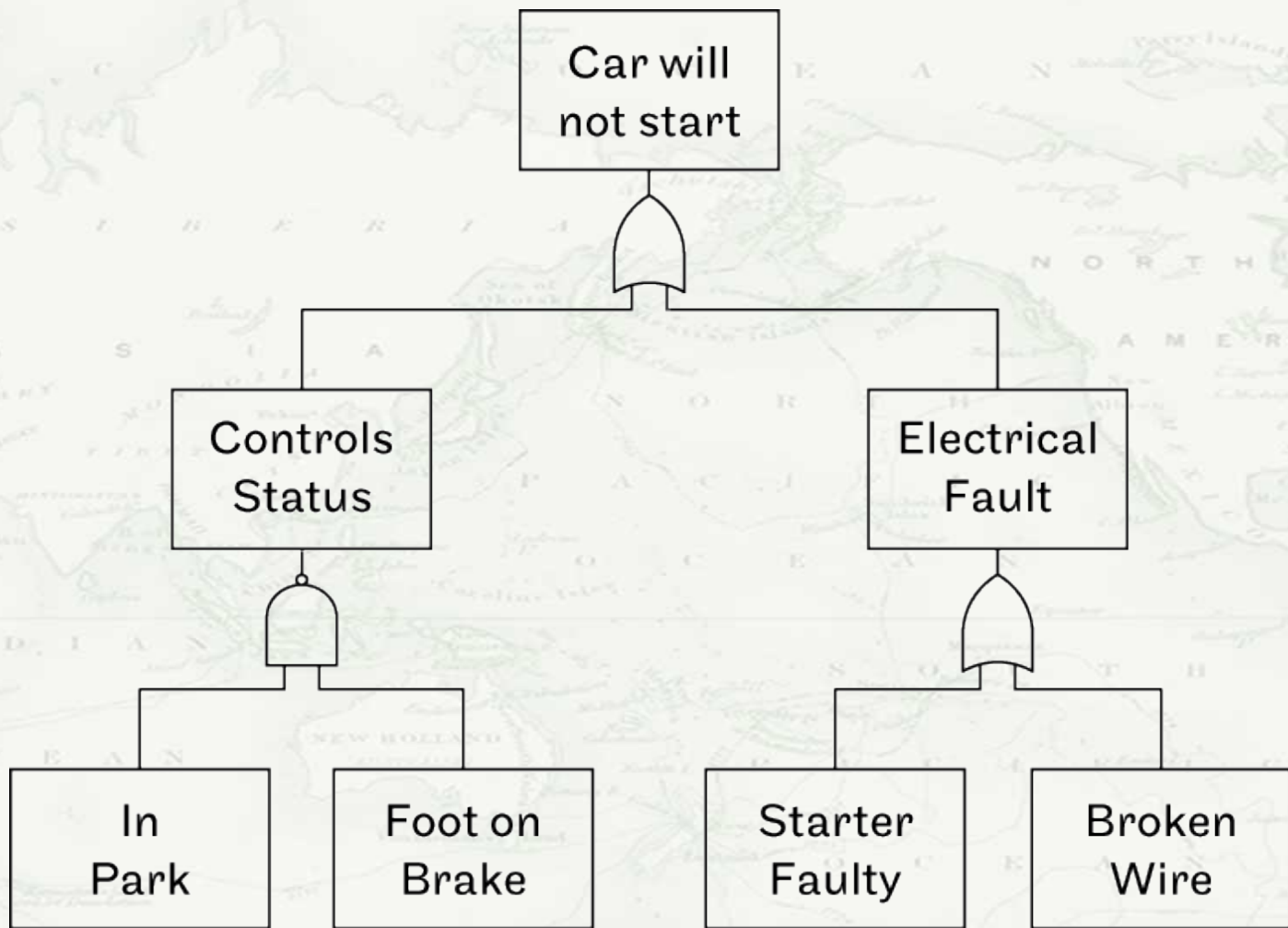


# Fault Tree Analysis

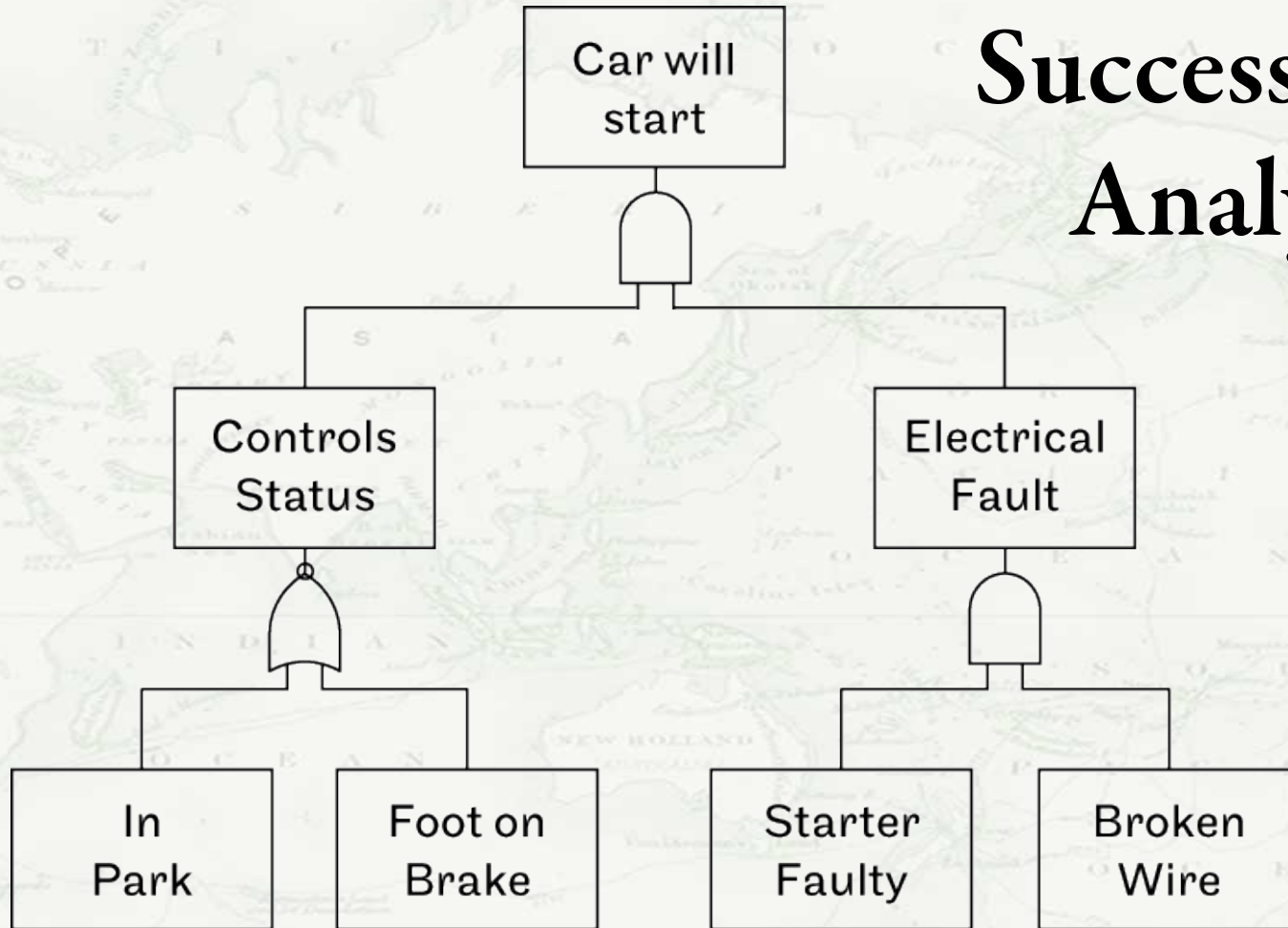
**Similar to Reliability  
Block Diagrams**  
**Graphical, logical  
representation of  
system**

**Logic gates**





# Success Tree Analysis



Are elements  
really  
independent?



# ASQ CRE Prep course

Lesson III. A. 6.

Tolerance and Worst-Case  
Analysis