

STRUCTURAL FORMS

FRAME Structure



SHELL Structure



FUNCTION

SEGWAY - transportation



DESIGN

LED light bulb



TRADITIONAL STRUCTURES

TEEPEE



Traditional Native Structure

FAMOUS STRUCTURES

CHRIST the REDEEMER
Rio de Janeiro



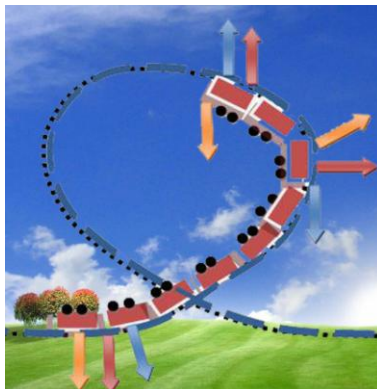
FAMILIAR STRUCTURES

STATUE of LIBERTY
New York



FORCE & MAGNITUDE

FORCE DIAGRAM



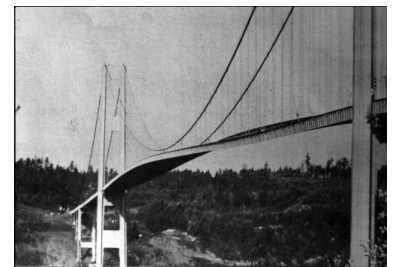
NEWTON

Force in NEWTONS



EXTERNAL FORCES

Tacoma Narrows Bridge



External forces cause collapse