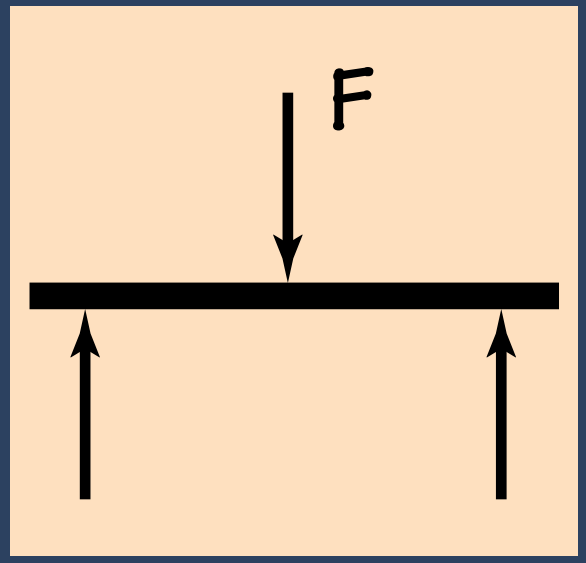
The Need For Abstraction



any real system is too
complex to think
about all at once…

abstract descriptions capture
some aspects of the system
while eliding others

shear forces, creep, quantum mechanics, stability,
corrosion resistance, dynamics, esthetic integrity…