

Forces acting upon structures

I Y C H W I I I N T E R N A L F O R C E O N J K
E D U Y W C B V E C N E R U C C O L A R U T A N
D R M V N I H T Y I H A Y Z L D N H U B G N X Z
A S R W M M V X Y I W Z D M P O K F Z E S W J P
O T R V R A L M D E B H B W I R H L A N J T J D
L R I L W N B M S T D Q F T Y R D M S D A U R T
E U C Z F Y F L O G R E A U A U P V H I K D B C
V C H E I D T R F F A M S W J L O X K N X Y C D
I T T F S W S D W R R V Z N E I K V V G Z A U Y
L U E Q S I E F T O L N N C F L T R T F V B F D
T R R J O I O H F C O W R K P U A A X O P Y P T
M E S N F F Q E J I Z O M Z N E I O S R W L V S
G Z C M O U D F S Q F V J P H F N M Y C E R F O
M R A A A R T S O L B Q T S S J C R X E A M O R
T A L K L V E Z A U O W W E K Z I B T S U L U F
B N E D F R Z N D F N B F E N T E L O A D K E A
L K S Z P E R F Y E W D Q R N S V Y T H D X D M
N T U M J E T P P E G H A W J K I S U L S Y E R
Z U O Y T N F O J C F R O T U J U O B I I E A E
P C G X X J V S R T R Y A P I N U N N Q H V D P
L E E S A X S F E N S V M V A O F H B N F A L R
K L D J F O R C E Y A M T M I Z N B F Z T D O J
I E I J E Q B S I G C D I V C T I B K W G P A O
Y W M U R B I V E F U L O T H G Y L T Z Z Z D Y

Natural Occurrence

Richter Scale

Earthquake

Live Load

Tension

Force

Bending Forces

Fujita Scale

Foundation

Structure

Tornado

Shear

External Force

Compression

Permafrost

Dynamic

Torsion

Load

Internal Force

Deformation

Dead Load

Gravity

Tsunami