

# X-Axis Structural Design

Difficulty: Medium

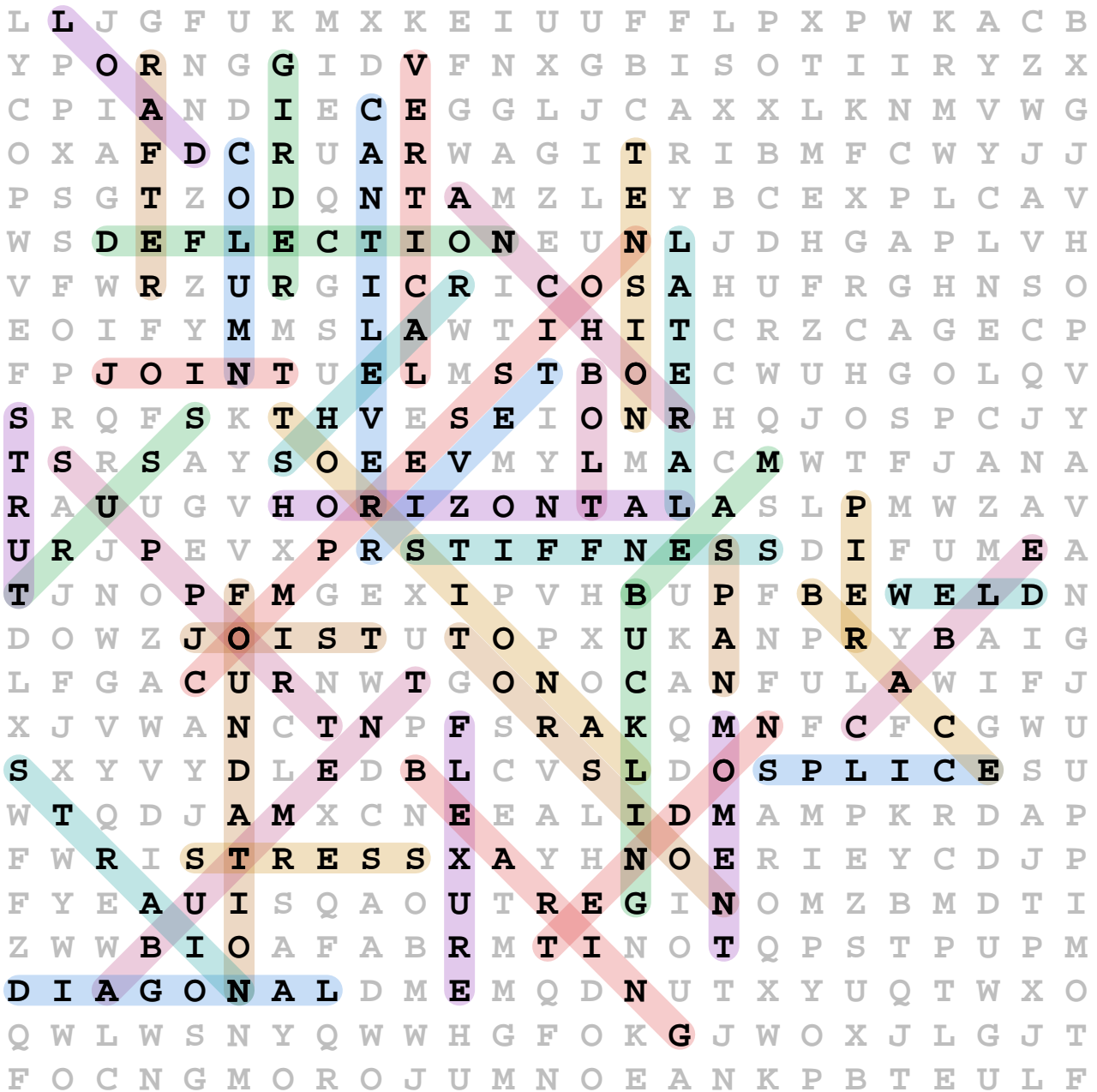
L L J G F U K M X K E I U U F F L P X P W K A C B  
Y P O R N G G I D V F N X G B I S O T I I R Y Z X  
C P I A N D I E C E G G L J C A X X L K N M V W G  
O X A F D C R U A R W A G I T R I B M F C W Y J J  
P S G T Z O D Q N T A M Z L E Y B C E X P L C A V  
W S D E F L E C T I O N E U N L J D H G A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

Find these words:

COMPRESSION	CANTILEVER	DEFLECTION	FOUNDATION	HORIZONTAL
TORSIONAL	STIFFNESS	ABUTMENT	VERTICAL	DIAGONAL
BUCKLING	TORSION	FLEXURE	TENSION	LATERAL
SUPPORT	BEARING	COLUMN	GIRDER	RAFTER
MOMENT	STRESS	STRAIN	ANCHOR	TENDON
SPLICE	TRUSS	JOIST	STRUT	BRACE
SHEAR	CABLE	JOINT	RIVET	BEAM
SPAN	LOAD	PIER	WELD	BOLT

# X-Axis Structural Design - Answer Key

Difficulty: Medium



## Words found:

- |             |            |            |            |            |
|-------------|------------|------------|------------|------------|
| COMPRESSION | CANTILEVER | DEFLECTION | FOUNDATION | HORIZONTAL |
| TORSIONAL   | STIFFNESS  | ABUTMENT   | VERTICAL   | DIAGONAL   |
| BUCKLING    | TORSION    | FLEXURE    | TENSION    | LATERAL    |
| SUPPORT     | BEARING    | COLUMN     | GIRDER     | RAFTER     |
| MOMENT      | STRESS     | STRAIN     | ANCHOR     | TENDON     |
| SPLICE      | TRUSS      | JOIST      | STRUT      | BRACE      |
| SHEAR       | CABLE      | JOINT      | RIVET      | BEAM       |
| SPAN        | LOAD       | PIER       | WELD       | BOLT       |