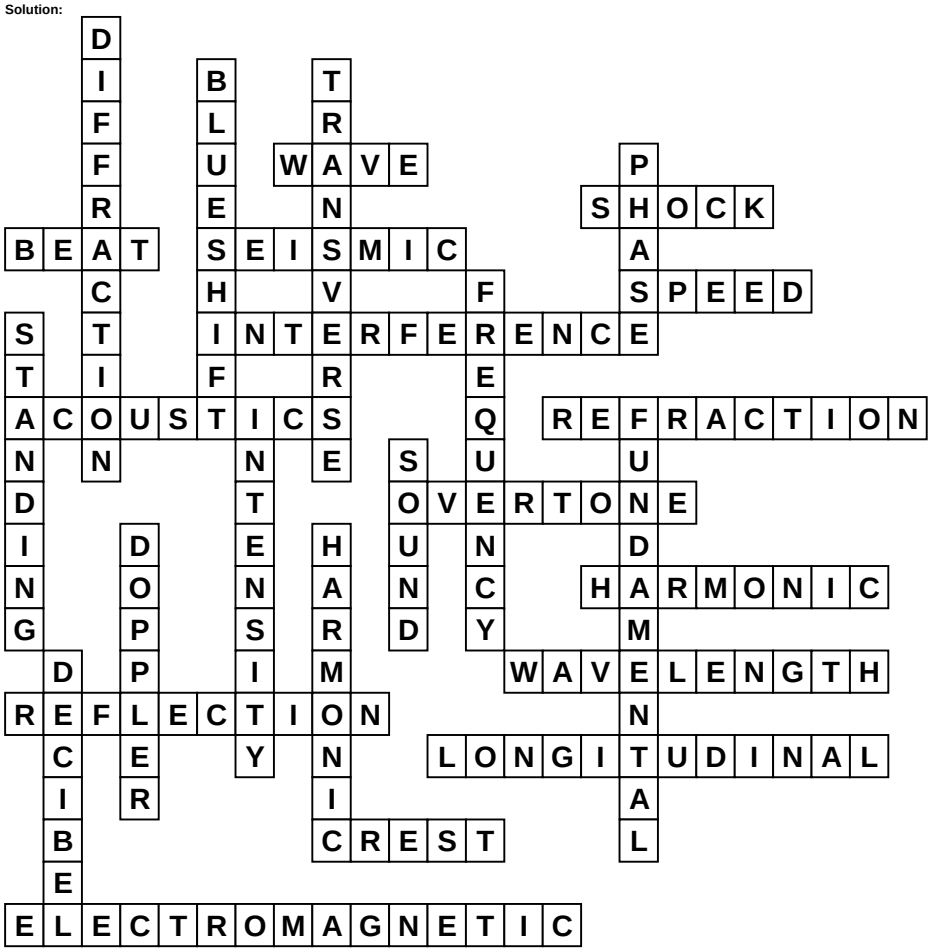
Solution:


DIFFRACTION
BEAT
STANDING
REFLECTION
WAVE
SHOCK
SEISMIC
SPEED
INTERFERENCE
ACOUSTIC
REFRACTION
SOUND
OVERTONE
HARMONIC
WAVELENGTH
LONGITUDINAL
CRESTS
ELECTROMAGNETIC