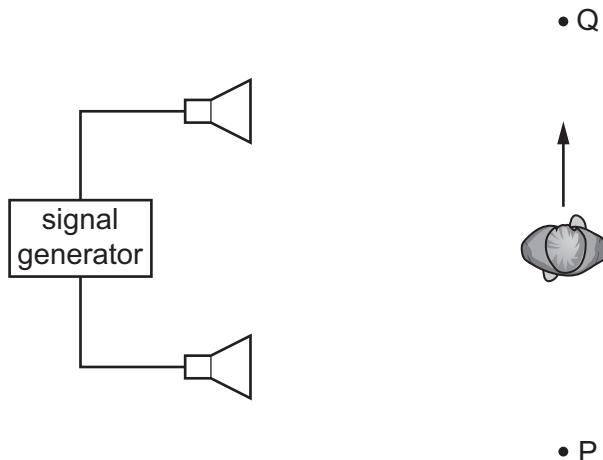


- 31 A student connects two loudspeakers to a signal generator.



As the student walks from P to Q, he notices that the loudness of the sound rises and falls repeatedly.

What causes the loudness of the sound to vary?

- A diffraction of the sound waves
- B Doppler shift of the sound waves
- C interference of the sound waves
- D reflection of the sound waves