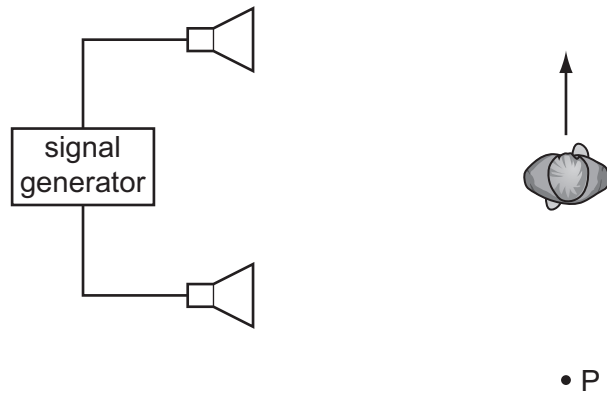


29 A student connects two loudspeakers to a signal generator.



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** interference of the sound waves
- C** polarisation of the sound waves
- D** reflection of the sound waves

Space for working