

Question 17

Q: What is the optimal mesh size for the acoustic analysis?

A: Set the mesh size to such a size that can equally divide the wavelength into 4 to 6.

For automatic meshing, Select the [Mesh] tab in the [Analysis Condition Setting] dialog box and click [Setting] for the meshing control and then select [Set the number of tessellations per wavelength] to specify the tessellation number.

To mesh a complicated shape around the sound source, the number of tessellations per wavelength should be about 10.

