

Question 11

Q: How to use Huygens' principle to calculate waves in the outer space of a boundary?

A: According to Huygens' principle, each point on the wavefront of a traveling wave acts as a secondary wave source. These sources emit secondary waves, which combine or superpose to form a traveling wave. In Femtet, Huygens' principle is employed to calculate emissions from distributed wave sources on an open boundary.

