Fig. 2 The boundary element mesh for the example.

Fig. 3 The reflection and transmission coefficients versus $kh$ for $\theta = 0^\circ$.

Fig. 4 The reflection and transmission coefficients versus $\theta$ for $kh = 2.136$.

Fig. 5 The comparisons of the reflection and transmission coefficients versus $kh$ for the three cases, $\theta = 0^\circ$.

Fig. 6 The comparisons of the reflection and transmission coefficients versus $\theta$ for the three cases, $kh = 2.136$. 