

**MATLAB EXERCISE 2.16** **Capacitance of a metallic cube, using MoM MATLAB code.** Find the capacitance of the metallic cube numerically analyzed by the method of moments in MATLAB Exercise 1.41, and compare the result with capacitances of the following metallic spheres, respectively: (a) the sphere inscribed in the cube, (b) the sphere overscribed about the cube, (c) the sphere whose radius is the arithmetic mean of the radii of spheres in (a) and (b), (d) the sphere having the same surface as the cube, and (e) the sphere with the same volume as the cube.

**SOLUTION:**

The results are provided in the TUTORIAL (in the book) for this MATLAB Exercise.