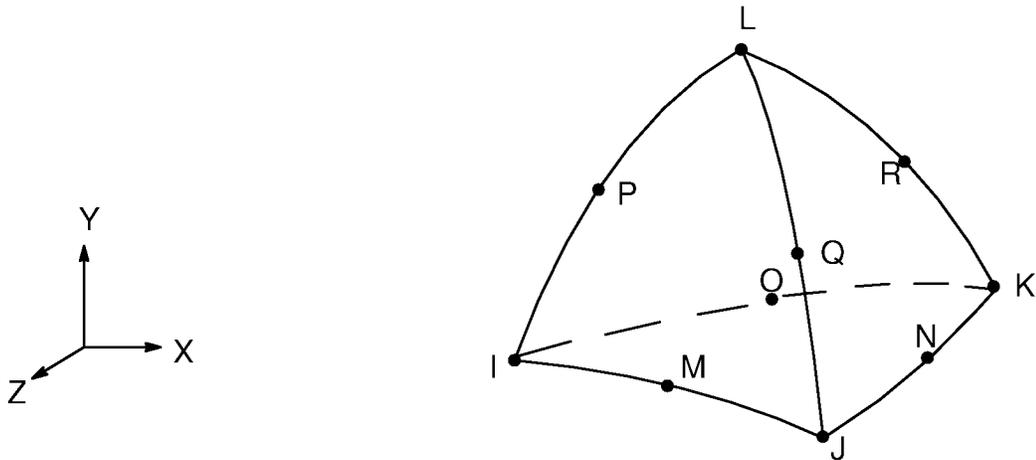


14.123 SOLID123 — 3-D 10-Node Tetrahedral Electrostatic Solid



Matrix or Vector	Shape Functions	Integration Points
Coefficient Matrix	Equation (12.8.2–21)	4
Charge Density Load Vector	Equation (12.8.2–21)	4
Charge Density Surface Load Vector	Equation (12.8.2–21) specialized to the face	6

14.123.1 Other Applicable Sections

Chapter 5 describes the derivation of electrostatic element matrices and load vectors as well as electric field evaluations. Section 13.1 describes integration point locations.