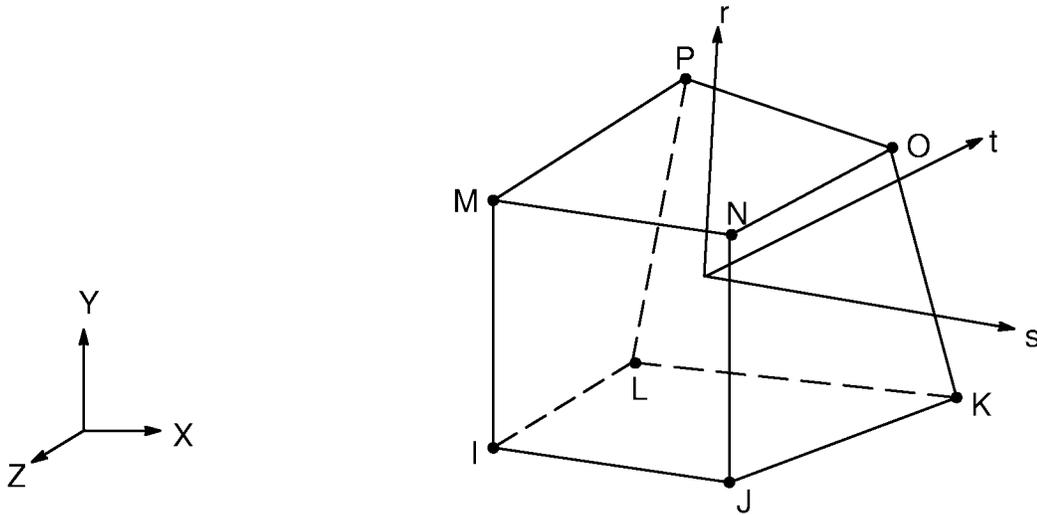


# 14.96 SOLID96 — 3-D Magnetic Scalar Solid



Matrix or Vector	Shape Functions	Integration Points
Magnetic Scalar Potential Coefficient Matrix	Equation (12.8.18–22)	2 x 2 x 2
Load Vector of Magnetism due to Permanent Magnets, and Source Currents	Same as coefficient matrix	2 x 2 x 2

References: Coulomb(76), Mayergoyz(119), Gyimesi(141, 149)

## 14.96.1 Other Applicable Sections

Section 5.2 discusses the magnetic scalar potential method used by this element. Section 13.1 describes integration point locations.