



Fig. 401.01 Four Vectors of Restraint Define Minimum System:  
Investigation of the requirements for a minimum system.

- A. One vector of restraint allows ball to define complete sphere— a three-dimensional system.
- B. Two vectors: a plane— a two-dimensional system.
- C. Three vectors: a line— a one-dimensional system.
- D. Four vectors: a point— no displacement.
- E. Note the possibility of turbining with the position otherwise fixed by the four vectors of restraint.
- F. The four vectors define the tetrahedron: the first identifiable "system" — a primary or minimum subdivision of Universe. The ball lies at the center of gravity within the tetrahedron.