Fig. 1132.01B Composite of Vector Equilibrium and Icosahedron Great Circle Sets:
This is a black-and- white version of color plate 32. The Basic Equilibrium 48 LCD
triangle appears here shaded in the spherical grid. In this composite spherical matrix we
see all the 25 primary vector equilibrium great circles and two sets skewed-positive and
negative of the icosahedron 31 great circle sets. (31 ' 2 = 62. 62 + 25 = 87. But 14 of the
87 are redundant.) Four of the VE great circles are congruent with four of the icosa's 10-
great circle set. Three of the VE great circles are congruent with three of the icosa's 15-
great- circle set. Thus seven positive are redundant and seven negative are redundant.
(87—14=73.) There are 73 great circles in the composite set. (See color plate 32.) This
composite shows the vector equilibrium great circles and the icosahedron great circles in
the two alternate ways of pumping the VE jitterbug pattern.