

FIGURE 7.—ORIENTATION DIAGRAMS FOR c AXES OF CALCITE IN YULE MARBLE DEFORMED AT 300°C 100 grains per diagram. Contours 1%, 3%, 5%, 10%, per 1% area. Trace of original foliation (normal to plane of diagrams) is N-S. Plane of diagrams is T plane of marble block.

A. Specimen 365, T cylinder, shortened (normal to plane of diagram) by 20%; 116 c axes. B. Specimen 295, I cylinder, shortened (E-W) by 19%; 102 c axes. C. Specimen 272, d cylinder, shortened (NE-SW) by 19%; 107 c axes. D. Specimen 358, T cylinder, elongated (normal to plane of diagram) by 20%; 100 c axes. E. Specimen 289, I cylinder, elongated (E-W) by 18%; 108 c axes. F. Specimen 274, d cylinder, elongated (NE-SW) by 20% 114 c axes.

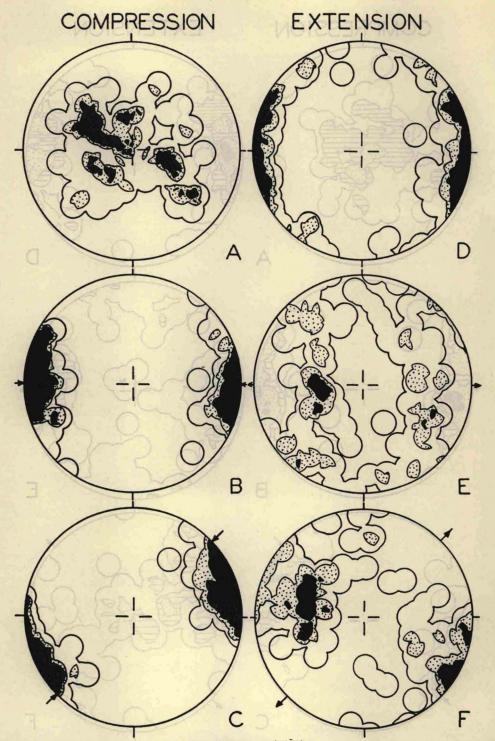


Figure 8.—Orientation Diagrams for Best-Developed {0112} Lamellae of Calcite in Yule Marble Deformed at 300°C

100 grains per diagram. Contours approximately 1%, 3%, 4%, per 1% area. Trace of original foliation (normal to plane of diagrams) is N-S. Plane of diagrams is T plane of marble block.

A. Specimen 365, T cylinder, shortened (normal to plane of diagram) by 20%; 106 sets of lamellae. B. Specimen 295, I cylinder, shortened (E-W) by 19%; 86 sets of lamellae. C. Specimen 272, d cylinder, shortened (NE-SW) by 19%; 96 sets of lamellae. D. Specimen 358, T cylinder, elongated (normal to plane of diagram) by 20%; 115 sets of lamellae. E. Specimen 289, I cylinder, elongated (E-W) by 18%; 120 sets of lamellae. F. Specimen 274, d cylinder, elongated (NE-SW) by 20%; 112 sets of lamellae.