

whence $a/b = \phi$ or $a/b = 1/\phi$.

The result is, of course, applicable to regular plane figures. In the case of the circle the centroid C of the remnant lune falls on the endpoint of the diameter of B through O .

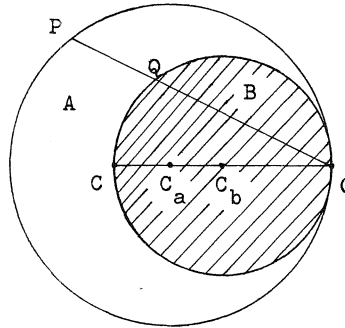


Fig. 2

Any chord of circle A through O is cut by the circumference of B in the Golden Section: $PO/QO = \phi = (1 + \sqrt{5})/2$.



THE FIBONACCI ASSOCIATION
PROGRAM OF SATURDAY, OCTOBER 20, 1973
St. Mary's College

SOME PROPERTIES OF TRIANGULAR NUMBERS

Marjorie Bicknell, A. C. Wilcox High School, Santa Clara, California

THE GOLDEN SECTION REVISITED

Edmundo Alvillar, San Francisco, California

OPERATORS ASSOCIATED WITH STIRLING NUMBERS

Elaine E. Alexander, California Polytechnic State University

ALGORITHMS FOR THIRD-ORDER RECURSION SEQUENCES

Brother Alfred Brousseau, St. Mary's College, California

ON THE DIOPHANTINE EQUATION $1 + x + \dots + x^a = y^b$

Hugh Edgar, San Jose State University, San Jose, California

PASCAL, CATALAN, AND LAGRANGE WITH CONVOLUTIONS

Verner E. Hoggatt, Jr., San Jose State University, San Jose, California.

