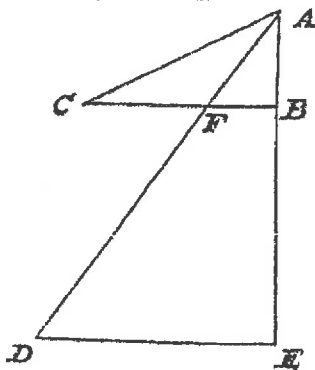


HUYGENS'S THREE WAYS OF TESTING HIS THEORY OF CENTRIFUGAL FORCE

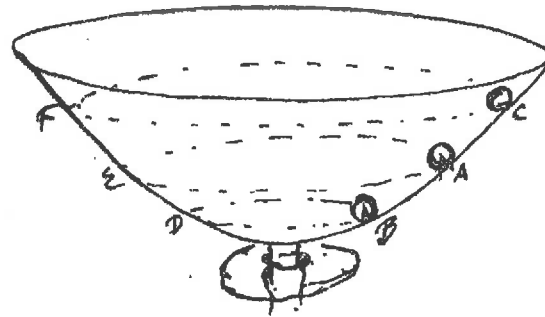
Periods of conical pendulums with strings of different lengths vary as the square root of their heights AB, AE

[Fig. 18.]



There is one rotational speed of a paraboloid at which a loose ball remains in equilibrium regardless of where on the surface it is placed.

[Fig. 9.]



A 90 deg arc circular pendulum will ascend with a taut string and complete a full circle if it is intercepted at $DB = 2/5AB$

[Fig. 24.]

