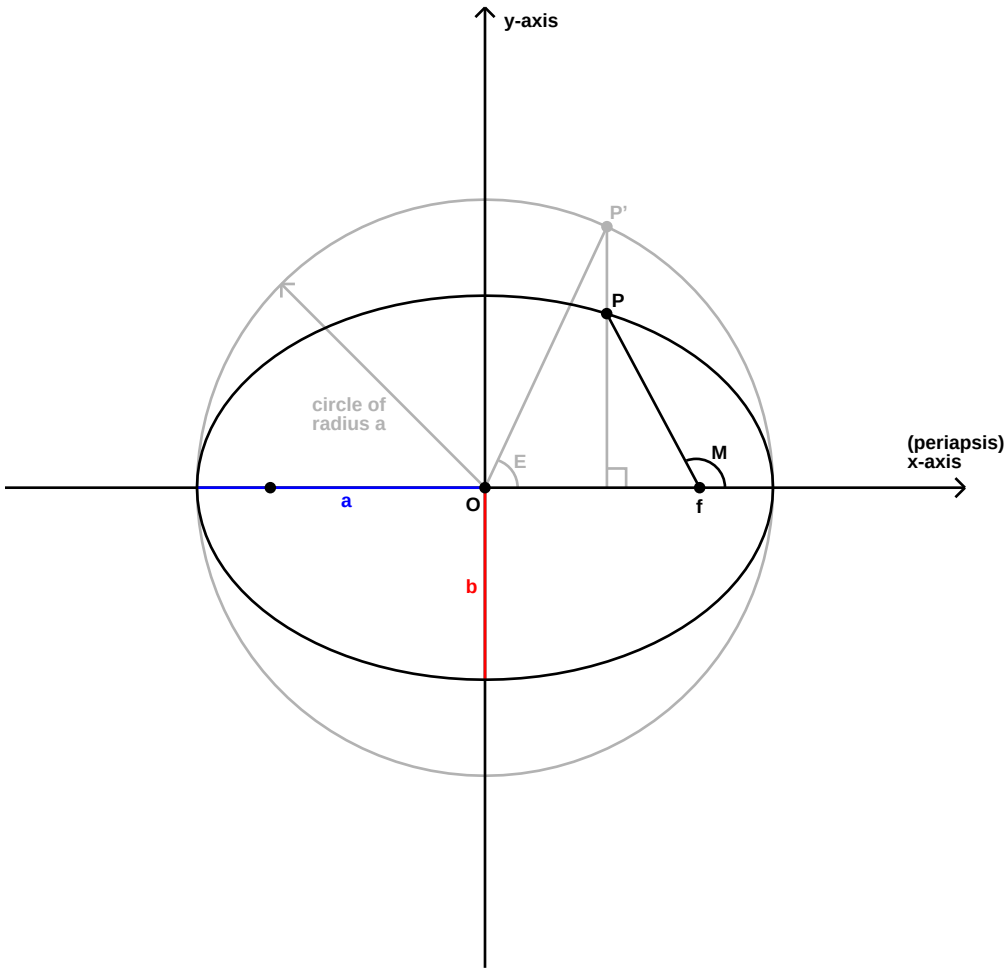
y-axis
P'
P
circle of
radius a
E
M
(periapsis)
x-axis
a
O
f
b