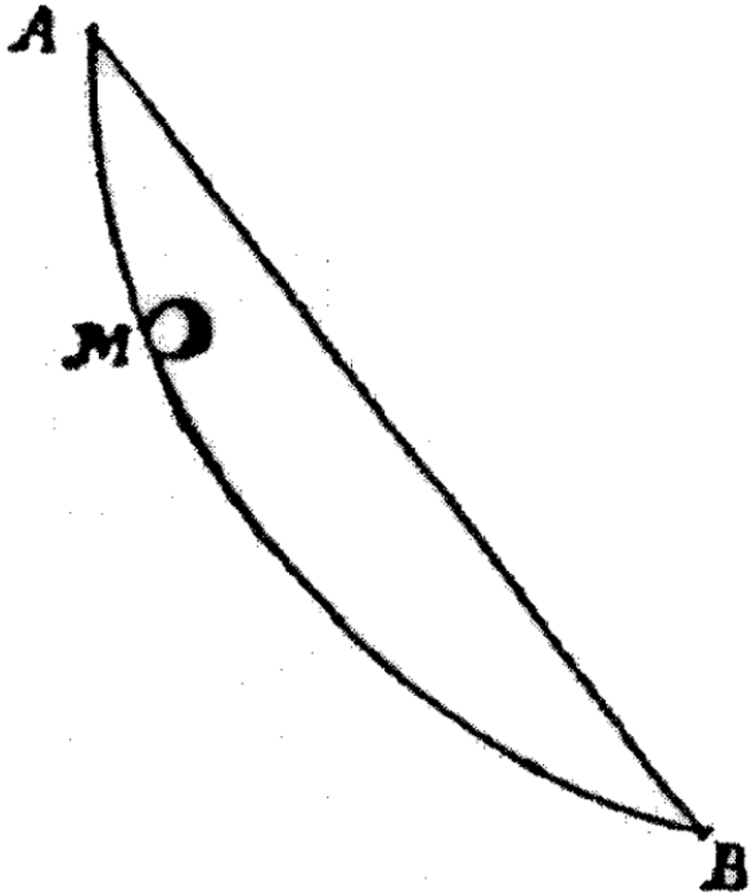
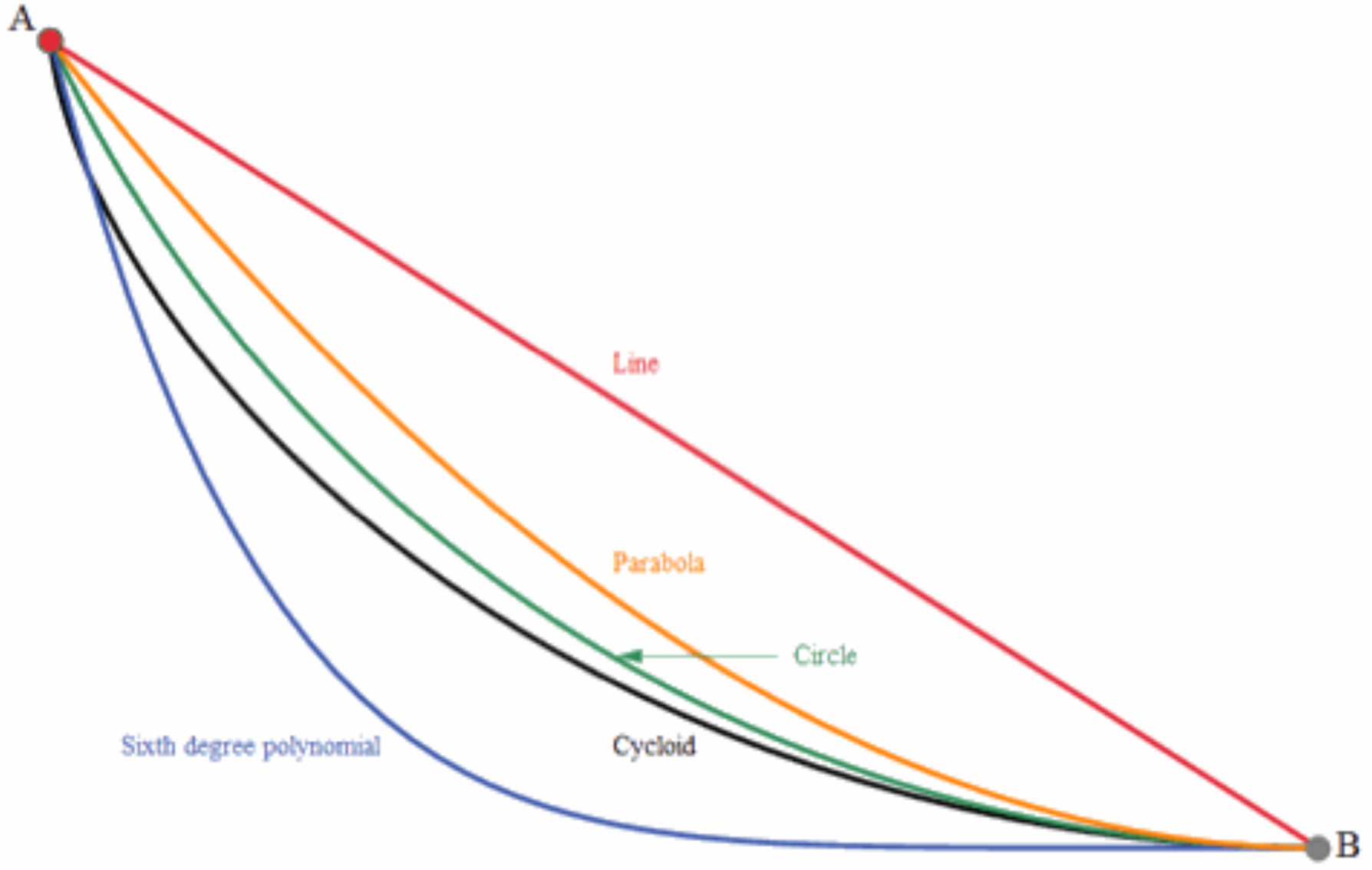
Johann Bernoulli

1696
the brachistochrone problem



$$x = r(t - \sin t)$$

$$y = r(1 - \cos t)$$


A
Line
Parabola
Circle
Sixth degree polynomial
Cycloid
B