Hyperbola - Class XI

Related Questions with Solutions

Questions

Quetion: 01

 $\frac{x^2}{\cos^2\alpha} - \frac{y^2}{\sin^2\alpha} =$ 1, which of the following remains constant when For the hyperbola _

lpha varies?

A. abscissae of vertices

B. abscissae of foci

C. eccentricity

D. directrix

Solutions

Solution: 01

 \Rightarrow if α varies then the abscissa of foci remain constant.

Correct Options

Answer:01

Correct Options: B