

Re: Finding the point on a conic, closest to an arbitrary point.

# Re: Finding the point on a conic, closest to an arbitrary point.

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- *From:* "Narasimham" <[mathma18@xxxxxxxxxxxx](mailto:mathma18@xxxxxxxxxxxx)>
  - *Date:* 25 Nov 2005 21:13:57 -0800
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Does the question sound like..

what is intersection of cone meridian

$$x^2 = (z \tan(\alpha))^2$$

and cutting plane  $x \cos(\beta) + z \sin(\beta) = p$  ?

which can be directly solved for.

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• *References:*

- ◆ ***Re: Finding the point on a conic, closest to an arbitrary point.***  
◇ *From:* Alex Hunsley
- ◆ ***Re: Finding the point on a conic, closest to an arbitrary point.***  
◇ *From:* Chris Hermans

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