

What is range of the dot product of two position vectors of which the end point of one is on a circle?

평면에서 두 위치벡터에 대하여 한 위치 벡터의  
종점이 원 위에 있을 때 두 위치벡터의 내적의  
범위는 무엇인가?

(What is range of the dot product of two position vectors of which  
the end point of one is on a circle?)

What is range of the dot product of two position vectors of which the end point of one is on a circle?

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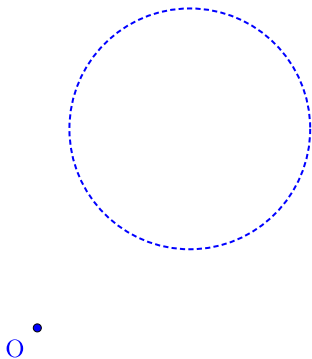
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What is range of the dot product of two position vectors of which the end point of one is on a circle?

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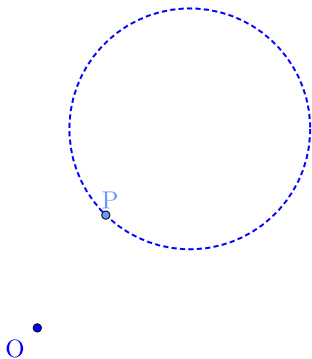
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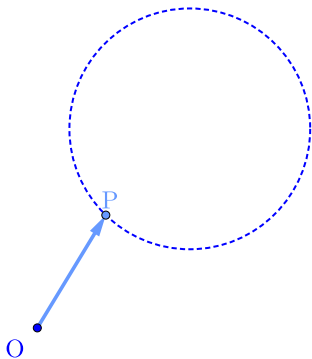
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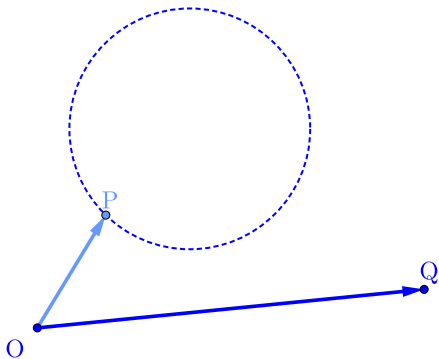




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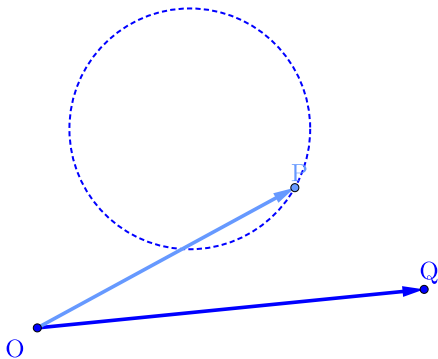




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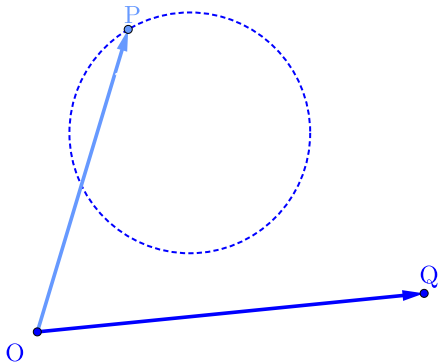
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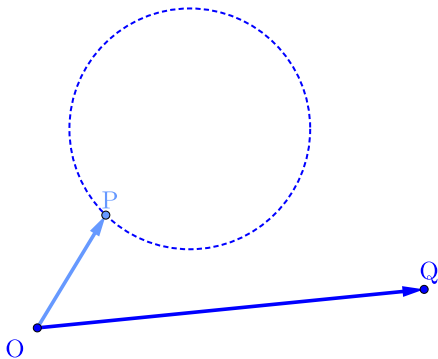
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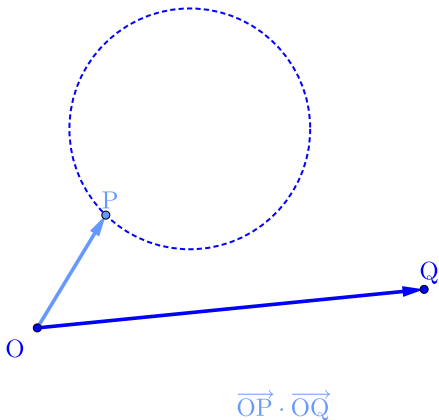
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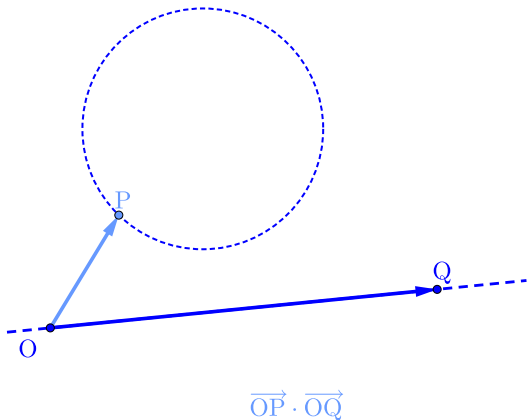
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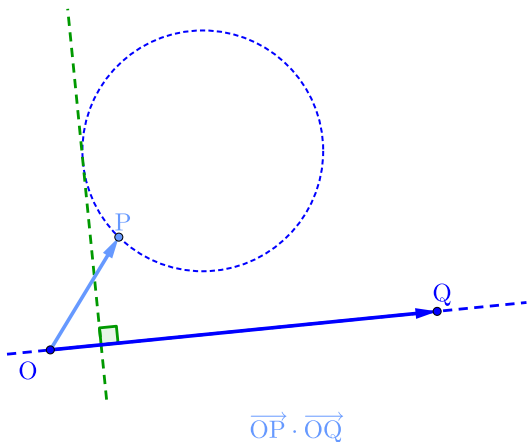
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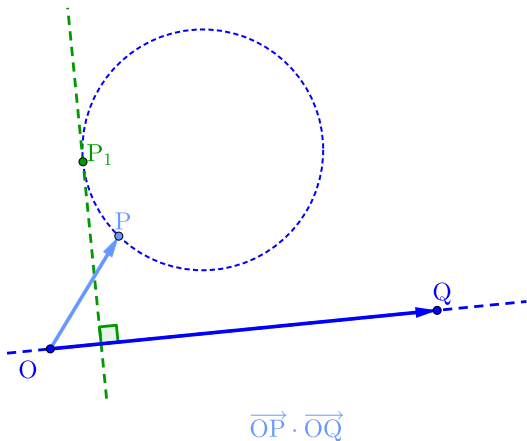
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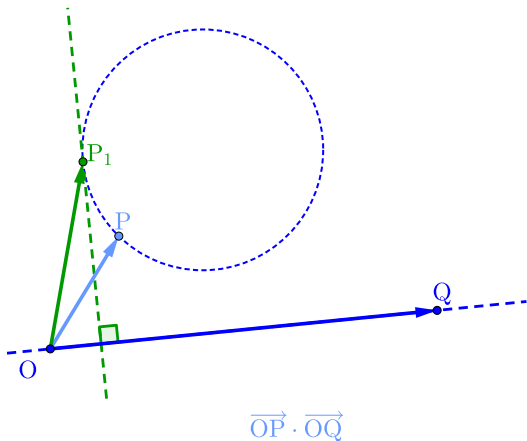
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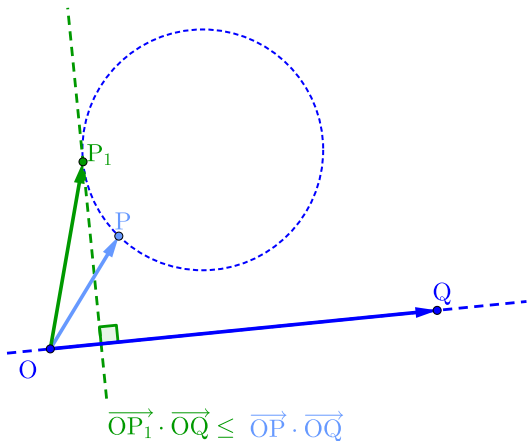
$$\vec{OP} \cdot \vec{OQ}$$



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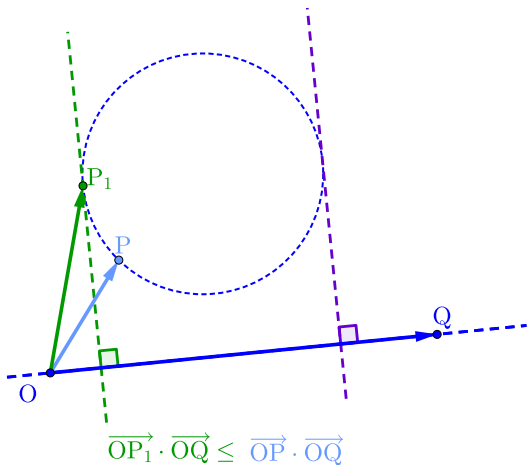
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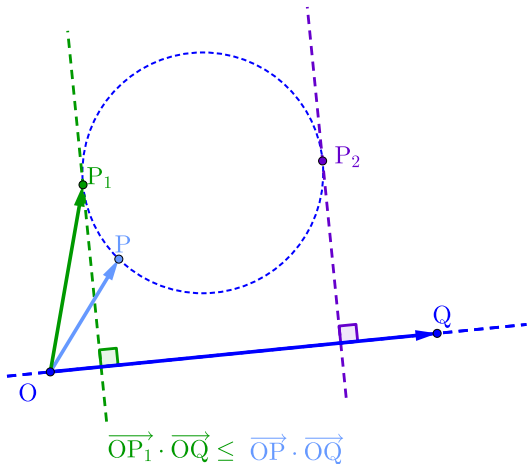
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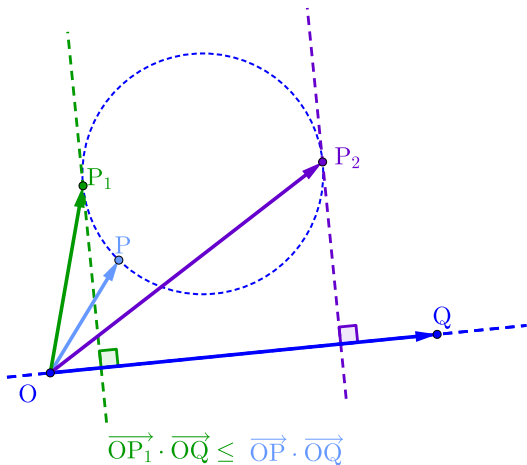
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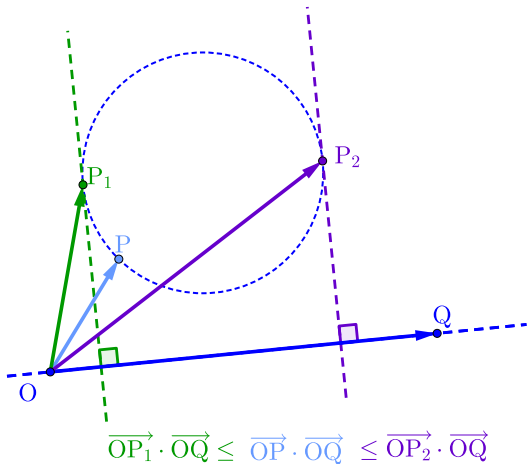
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Github:

<https://min7014.github.io/math20221031001.html>

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and you can see a picture moving.