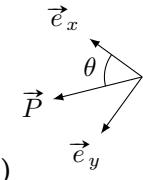
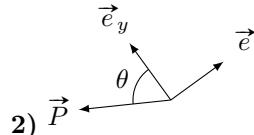
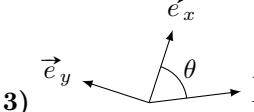
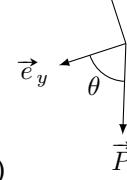
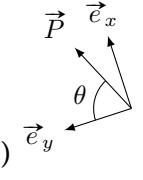
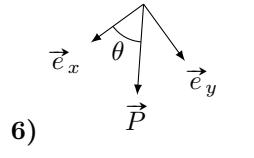
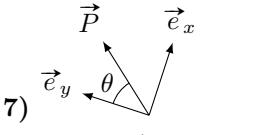
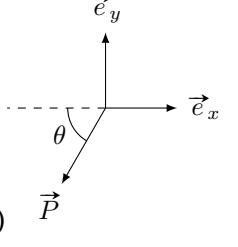
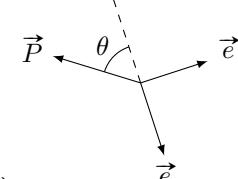
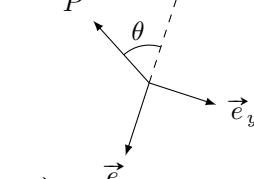
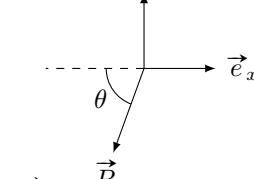
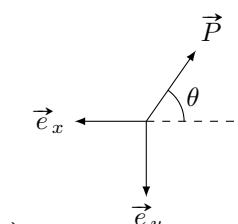
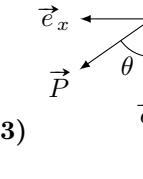
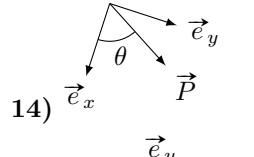
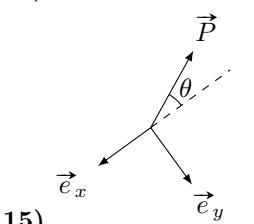
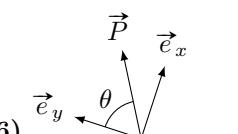
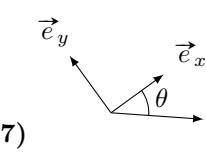
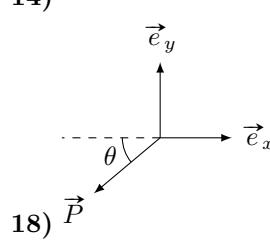
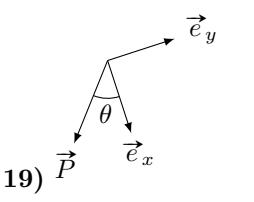
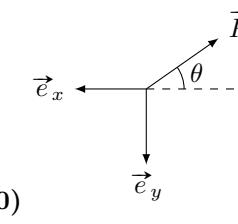
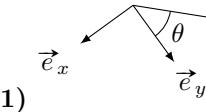
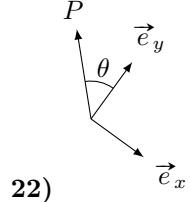
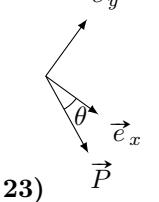
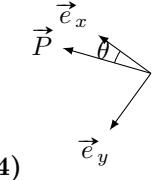
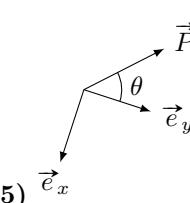
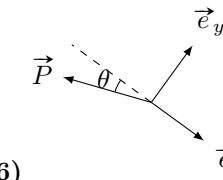
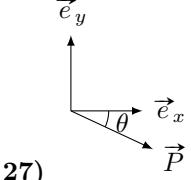
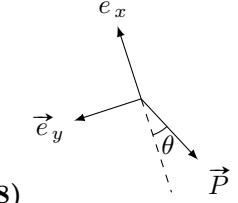


Entraînement technique : projections

Pour chacun des cas ci-dessous, donner l'expression du vecteur \vec{P} de norme P dans la base \vec{e}_x, \vec{e}_y .

-
- 1) 
- 2) 
- 3) 
- 4) 
- 5) 
- 6) 
- 7) 
- 8) 
- 9) 
- 10) 
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- 20) 
- 21) 
- 22) 
- 23) 
- 24) 
- 25) 
- 26) 
- 27) 
- 28) 

Entraînement technique : projections – Solutions

- 1) $P(\cos \theta \vec{e}_x + \sin \theta \vec{e}_y)$ 2) $P(-\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 3) $P(\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 4) $P(-\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$
- 5) $P(\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 6) $P(\cos \theta \vec{e}_x + \sin \theta \vec{e}_y)$ 7) $P(\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 8) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$
- 9) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 10) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 11) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 12) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$
- 13) $P(\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 14) $P(\cos \theta \vec{e}_x + \sin \theta \vec{e}_y)$ 15) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 16) $P(\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$
- 17) $P(\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 18) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 19) $P(\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 20) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$
- 21) $P(-\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 22) $P(-\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 23) $P(\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 24) $P(\cos \theta \vec{e}_x + \sin \theta \vec{e}_y)$
- 25) $P(-\sin \theta \vec{e}_x + \cos \theta \vec{e}_y)$ 26) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 27) $P(\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$ 28) $P(-\cos \theta \vec{e}_x - \sin \theta \vec{e}_y)$