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COURSE I  
PHQ ###

TITLE  
SUBTITLE

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*par*

First Author,  
Second Author,  
Third Author

*Remis à*

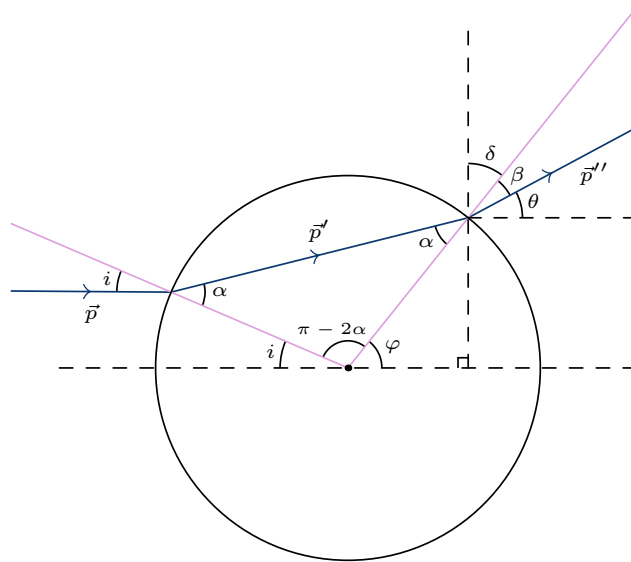
Pr Professor Name



Université de Sherbrooke  
Faculté des sciences  
Département de physique  
25 janvier 2025

## Problème I : Nom du problème I

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**Figure 1**  
Une sphère molle?

(a) *Premiere sous-question. Premiere sous-question. Premiere sous-question.*

There once was a very smart but sadly blind duck. When it was still a small duckling it was renowned for its good vision. But sadly as the duck grew older it caught a sickness which caused its eyesight to worsen. It became so bad, that the duck couldn't read the notes it once took containing much of inline math just like its favoured equation:  $d = u_c \cdot k$ . Only displayed equations remained legible so it could still read

$$d = ra^k e. \quad (1)$$

That annoyed the smart duck, as it wasn't able to do its research any longer. It called for its underduckling and said: « Go, find me the best eye ducktor there is. He shall heal me from my disease! »

(b) *Seconde sous-question. Seconde sous-question. Seconde sous-question.*

There once was a very smart but sadly blind duck. When it was still a small duckling it was renowned for its good vision. But sadly as the duck grew older it caught a sickness which caused its eyesight to worsen. It became so bad, that the duck couldn't read the notes it once took containing much of inline math. Only displayed equations remained legible. That annoyed the smart duck, as it wasn't able to do its research any longer. It called for its underduckling and said: « Go, find me the best eye ducktor there is. He shall heal me from my disease! »

$$d = ra^ke.$$

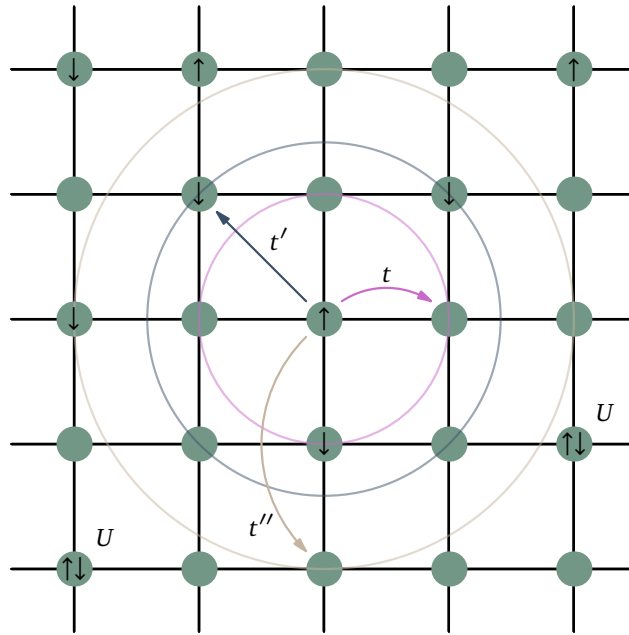
(2)

(c) *Troisieme sous-question. Troisieme sous-question. Troisieme sous-question.*

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## Problème II : Modèle de Hubbard

There once was a very smart but sadly blind duck. When it was still a small duckling it was renowned for its good vision. But sadly as the duck grew older it caught a sickness which caused its eyesight to worsen. It became so bad, that the duck couldn't read the notes it once took containing much of inline math. Only displayed equations remained legible. That annoyed the smart duck, as it wasn't able to do its research any longer. It called for its underduckling and said: « Go, find me the best eye ducktor there is. He shall heal me from my disease! »num1



**Figure 2**

Caption. Caption captioncaptioncaption? Caption caption.

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$$d = ra^ke.$$

(3)

## Références

<sup>1</sup>D. E. KNUTH, *The T<sub>E</sub>X Book* (Addison-Wesley Professional, 1986).