The hard drive to uranium

Antoine de ROQUEMAUREL

IUT Informatique Université Paul Sabatier – Toulouse III

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Uranium could be the future of hard drives



- Magnetic mass storage · Since the begin of the computer we need more capacity
- · Magnetic hard disk have limits





Guidelines

1 The magnetic hard disk





Guidelines

- The magnetic hard disk
- The uranium hard disk
 - The Di-Uranium molecule
 - Advantages





Guidelines

- The magnetic hard disk
- 2 The uranium hard disk
 - The Di-Uranium molecule
 - Advantages
- The application





Lignes directrices

- The magnetic hard disk
- 2 The uranium hard disk
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- Aluminum trays
- Magnetic layer on trays
- The data are stored in binary on magnetic layer





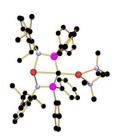
Lignes directrices

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- Uranium naturally strong magnetic properties
- The molecule create can maintain a constant magnetic state, so we can store information





Advantages

Advantages

- Capacity 1000 times most important
- Speed

Disadvantages

- Must be maintained at a temperature of 2°K (−271°C)
- ecology



Lignes directrices

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- If the hard disk could work, it could be good to servers (Google, Facebook, ...)
- It's usefull to power calculations
- It's useless to individuals!





Conclusion

- It's impossible to use the disk due to the temperature
- This would not work but it shows that research advances
 - Maybe in several years, they can create a hard disk with gigantic capacities





Questions

Do you have any questions?



