

# Ordinateurs : Introduction

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Cours L3 EEA

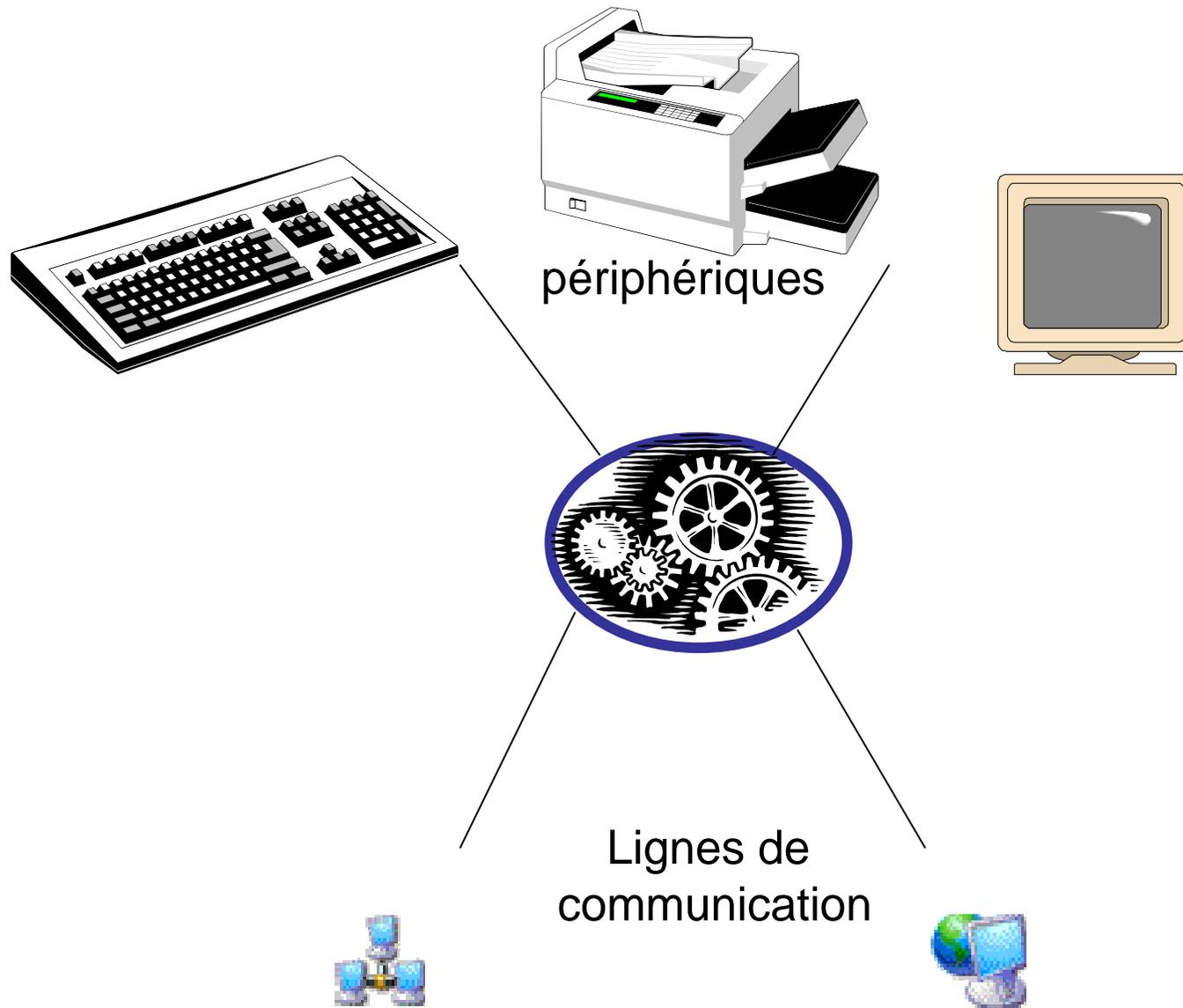
Systemes Numériques

Charles ANDRE

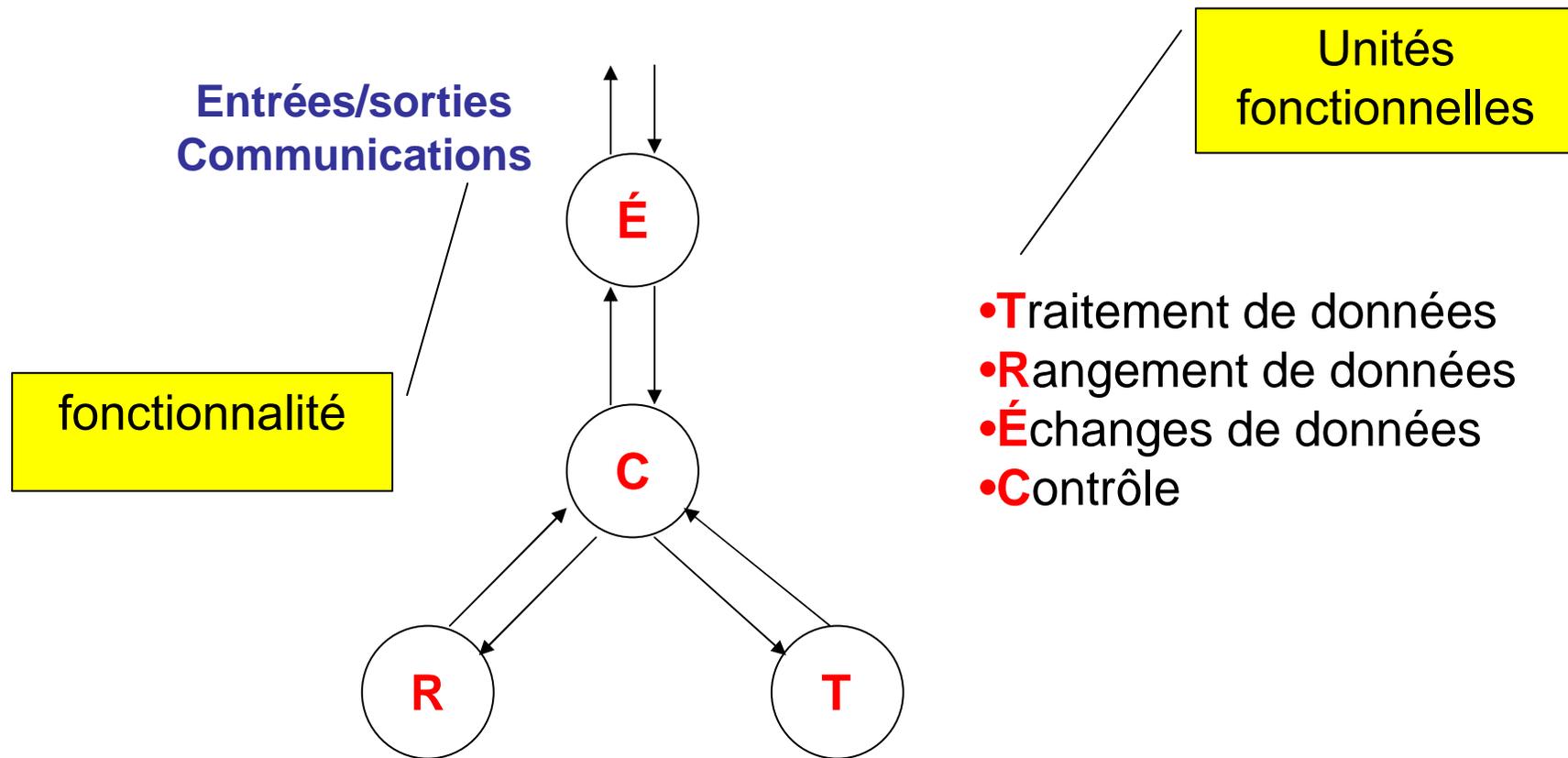
# Bibliographie

- [HVZ96] V.C. Hamacher, Z.G. Vranesic, S.G. Zaky. « Computer Organization ». 4<sup>th</sup> Edition, Mac Graw-Hill, 1996.
- [PH94] D.A. Patterson, J.L. Hennessy. « Computer Organization & Design: the Hardware/Software Interface ». Morgan Kaufmann, 1994.
- [PH96] D.A. Patterson, J.L. Hennessy. « Architecture des Ordinateurs : une approche quantitative ». Thomson Publ., 1996.
- [STA96] W. Stallings. « Computer Organization and Architecture » 4<sup>th</sup> Edition, Prentice Hall, 1996

# Ordinateur

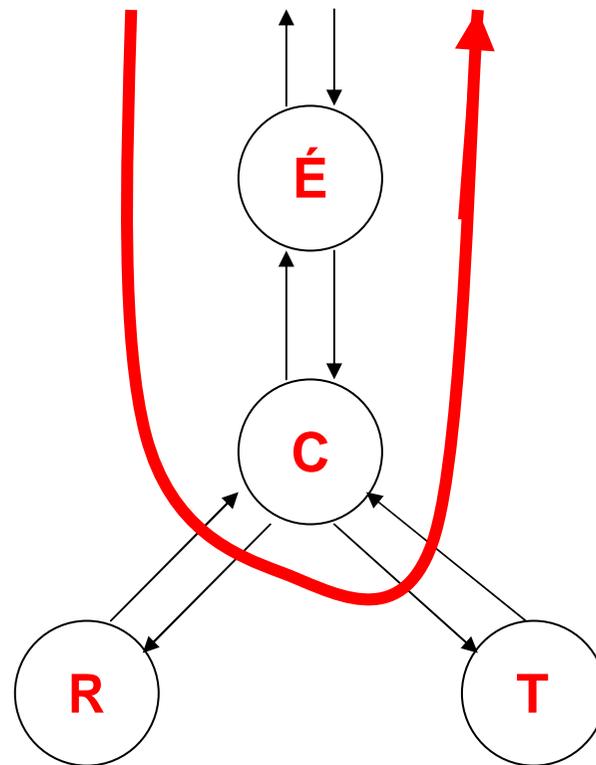


# Structure (1)



Vue fonctionnelle d'un ordinateur

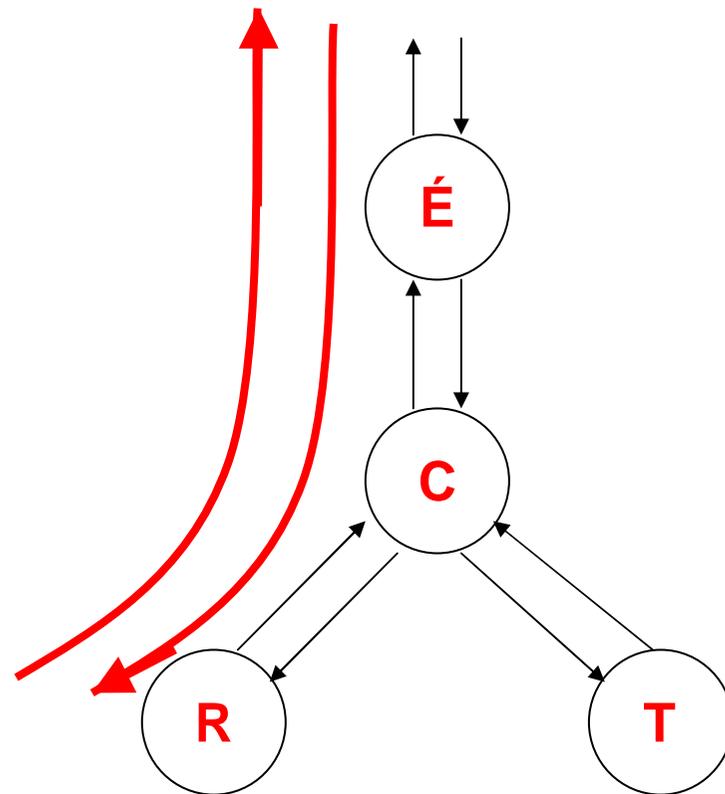
# Structure (1)



Transfert de données

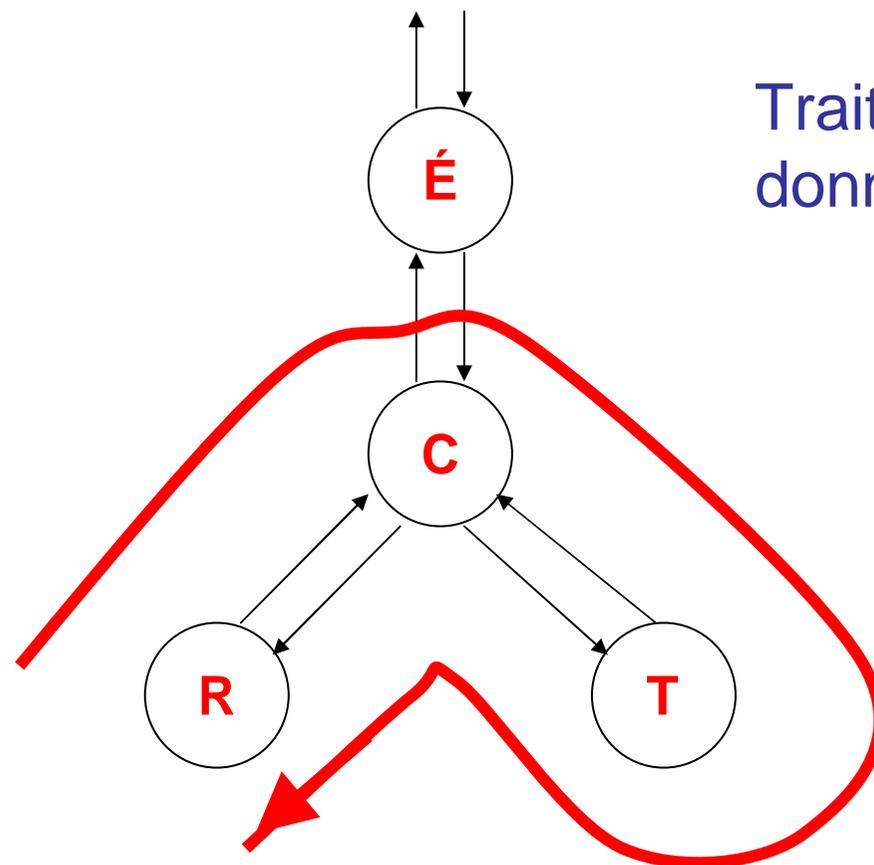
Périphériques/lignes  
de communications

# Structure (1)



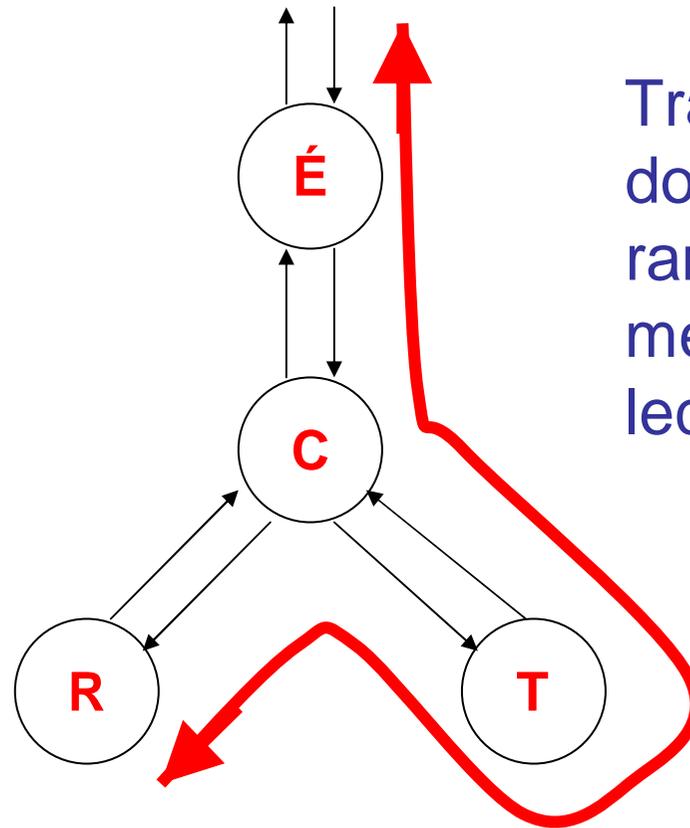
Rangement / restitution  
de données

# Structure (1)



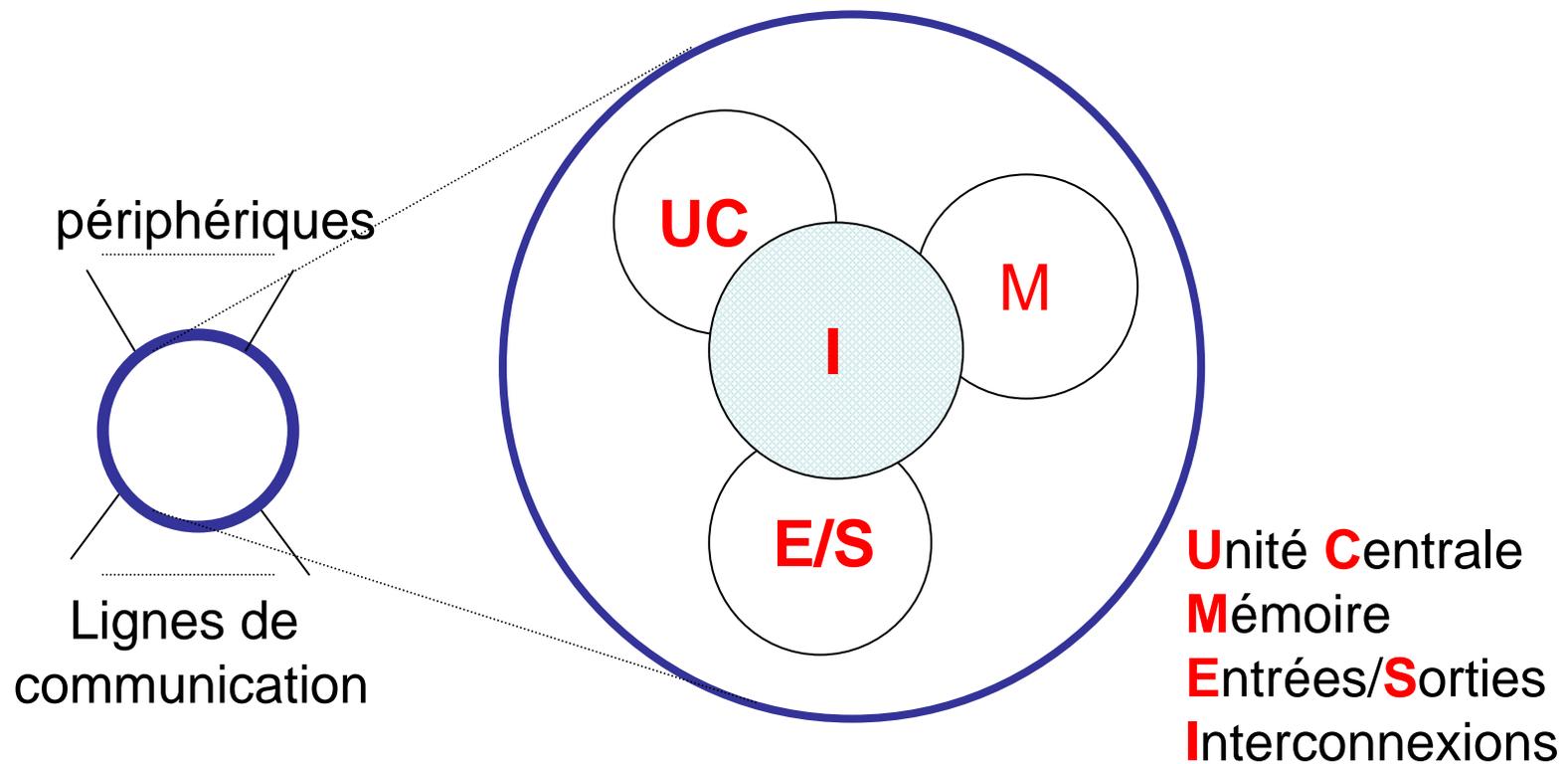
Traitements sur  
données en mémoire

# Structure (1)

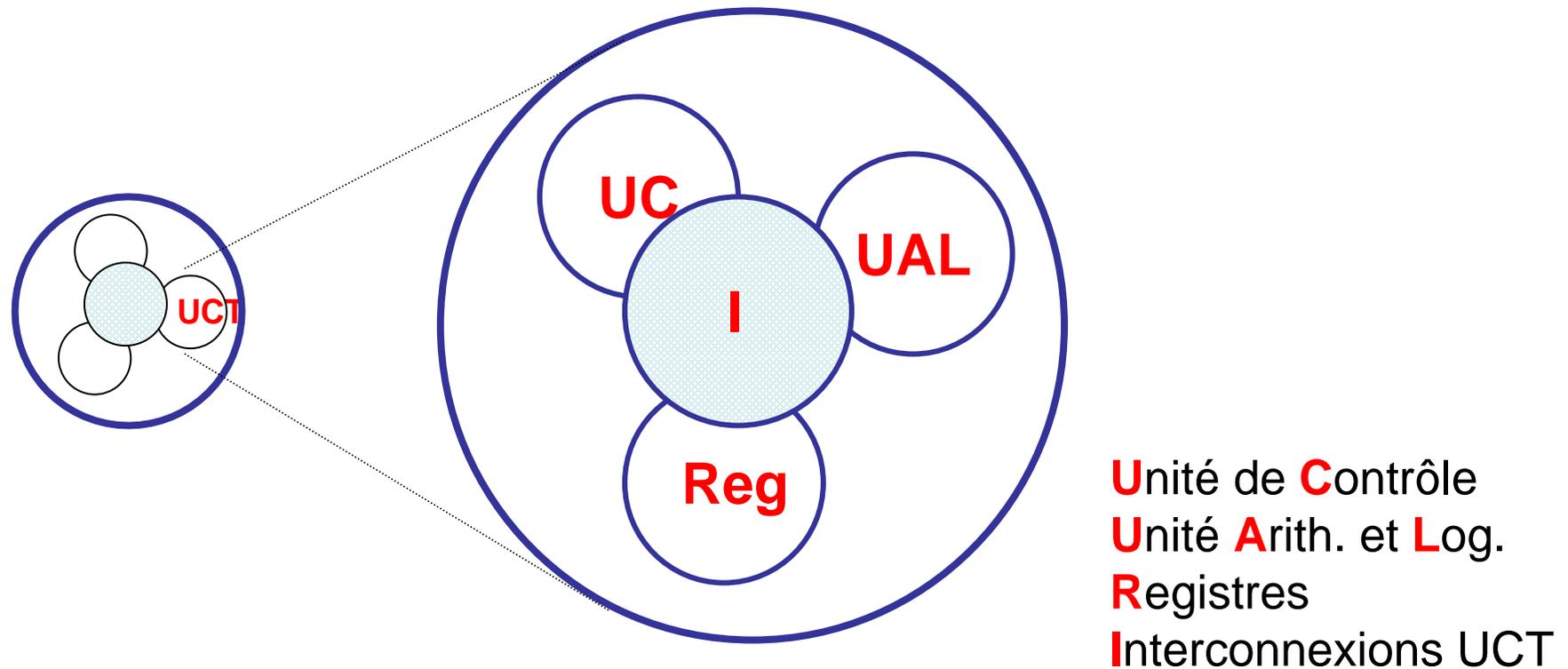


Traitements sur données lors du rangement en mémoire ou lors de la lecture

# Structure (2)



# Structure (3)



## L'Unité Centrale de Traitement

# Structure (4)

