

## SESSION 10

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### THE MEMORY SYSTEM

#### OBJETIVES

To apply memory knowledge to solve cache memory exercises.

#### PREVIOUS KNOWLEDGE

Cache mapping, replacement and writing policies. Different ways of cache organizations

#### BIBLIOGRAPHY

- Fundamentos de los Computadores. Pedro de Miguel Anasagasti. Thomson-Paraninfo, 9<sup>o</sup> ed. 2004.
- Estructura y Diseño de Computadores. David. A. Patterson and John L. Hennessy Ed. Reverte 2000.
- Organización y Arquitectura de Computadores. William Stallings. Pearson-Prentice Hall, 2006

#### TASKS

#### EXERCISES

Download [http://atc2.aut.uah.es/~avicente/asignaturas/eoc/pdf/enunciados\\_t4.pdf](http://atc2.aut.uah.es/~avicente/asignaturas/eoc/pdf/enunciados_t4.pdf) some of them will be solved during the classes. Remaining non-solved exercises must be homework considered.