

Misc presentations and writeups

I have prepared several presentations and writeups about different topics, mostly for master and PhD courses. Delta Debugging

Delta Debugging is a cool, fascinating debugging method by prof. Andreas Zeller. I wrote a paper [italian] about it with Carlo Curino, as homework for a PhD course in Advanced Software Engineering, in Spring 2005; powerpoint slides of presentation. I also shortly described it for a non technical audience in an article at NewsForge. Autonomous Driving

Slides [it] (ppt, pdf) for a short and rather informal presentation about autonomous driving, for a University course in Robotics. Movies are missing from the download, and can be found in the sites referenced in the slides. Agent Communication Languages

An informal presentation (ppt) about the article "Agent Communication Languages: Rethinking the Principles" by M.P. Singh, for a PhD course in Multiagent Systems. The presentation includes cute clipart and references to Alice in Wonderland. Automata for bilevel image compression

A rather informal presentation (ppt) about an interesting image compression approach by K. Culik II. This was prepared for a PhD course in formal languages. Adaptive Dynamics: The Probability of Escaping Accidental Extinction

A writeup (pdf) summarizing and explaining Appendix C of the book "Analysis of Evolutionary Processes: The Adaptive Dynamics Approach and its Applications", by F. Dercole e S. Rinaldi, written for for a PhD course. On Mathematical Modeling of the Interaction Between Terrorism and Counter-Terrorism

A writeup (italian pdf) with a summary and critique of the article "Mathematical Modeling of the Interaction Between Terrorism and Counter-Terrorism and its Policy Implications" (link), by Alvin M. Saperstein, written for a PhD course.