

Structure and Interpretation of Computer Programs

(Stefano Cerri and Annie Château)



- Historical book / course / approach (17 in France!)
 - <http://www.schemers.com/schools.html>
- Everything available freely online (LOOK!)
 - <http://mitpress.mit.edu/sicp/>
- Applicative (by means of the interpreted Scheme language), Artificial Intelligence based approach to (almost) all Informatics, focus on software design and engineering, high abstraction level but also very concrete programming exercises
- Program and Data Abstraction, Memory and State; Interpretation
- Teachers will use as much of the book the students will be able to “consume” (understand - master)
- Fundamental technical approach for “understanding” the essence of Interaction on the Web, Web services, Social software.