

Introdução à Lógica e Verificação de Programas MAC239

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Sala C-09

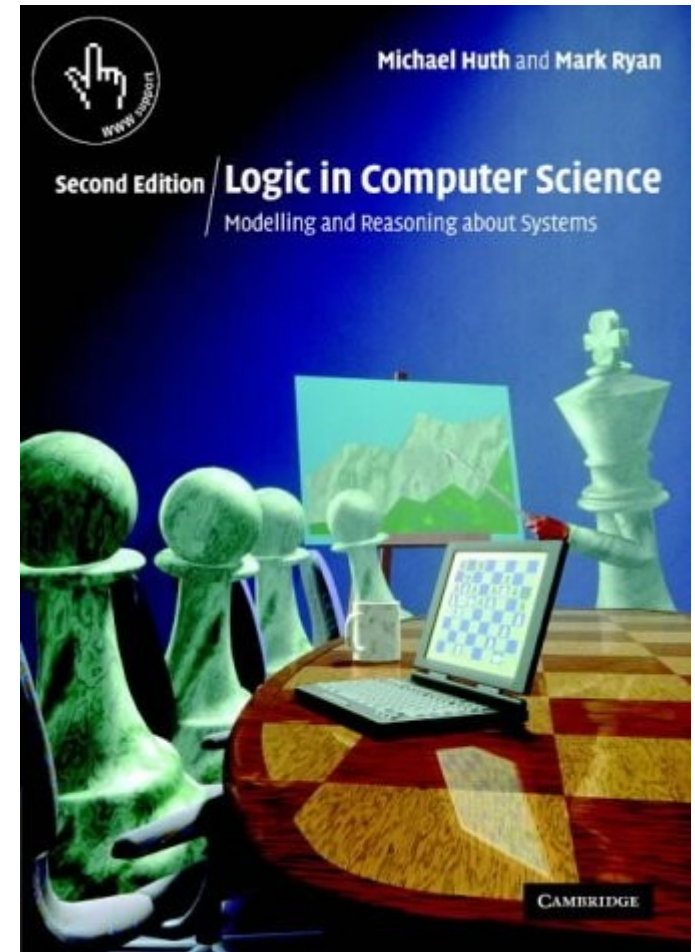
Importante

- Atenção ao Moodle!
- Horário monitoria – decidir com Igor
- Breaks
 - 15-18 de setembro
 - 30/10 e 3/11

Bibliografia

"Logic in computer science"
Michael Huth & Mark Ryan

Capítulos 1, 2 e 4



O que é Lógica

<https://www.youtube.com/watch?v=V5zrM9DFmJc&feature=youtu.be>

MU-Puzzle

(“Gödel, Escher e Bach”, Hofstadter)

Transforme MI em MU:

- Adicione um U no final de qualquer coisa que termine com I
- Dobre qualquer coisa após o M (mude Mx para Mxx)
- Troque qualquer III por U.
- Remova qualquer UU.

Zebra-Puzzle

5 casas

- Cor da casa
- Nacionalidade do morador
- Bebida preferida
- Cigarro preferido
- Animal de estimação

There are five houses.

The Englishman lives in the red house.

The Spaniard owns the dog.

Coffee is drunk in the green house.

The Ukrainian drinks tea.

The green house is immediately to the right of the ivory house.

The Old Gold smoker owns snails.

Kools are smoked in the yellow house.

Milk is drunk in the middle house.

The Norwegian lives in the first house.

The man who smokes Chesterfields lives next to the man with the fox.

Kools are smoked in the house next to the house where the horse is kept.

The Lucky Strike smoker drinks orange juice.

The Japanese smokes Parliaments.

The Norwegian lives next to the blue house.