

INTRODUCTION

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ESLLI
Opole, Poland
August 6th, 2012

EXAMPLE 1: RED DOTS



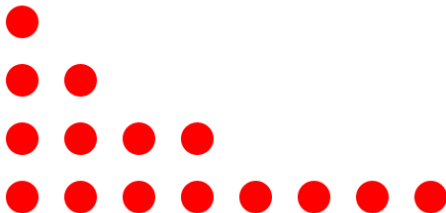
EXAMPLE 1: RED DOTS



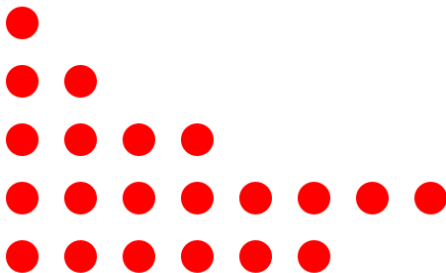
EXAMPLE 1: RED DOTS



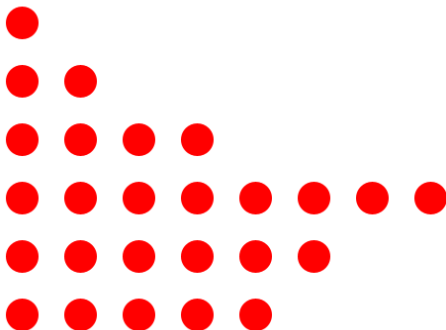
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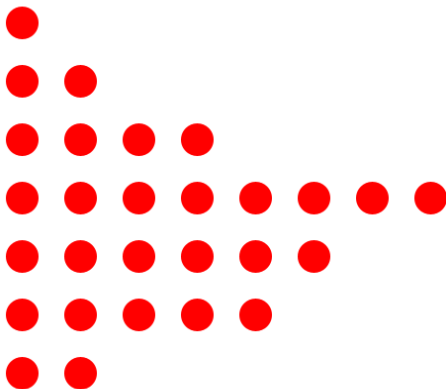
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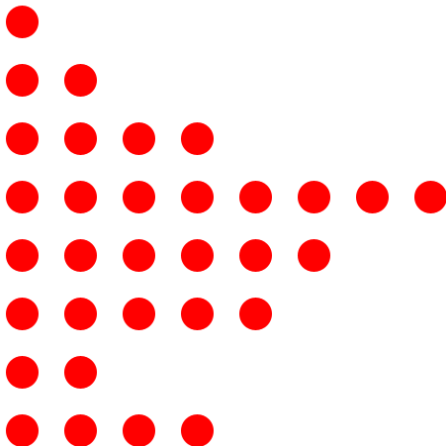
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Patterns are everywhere.

A. Salomaa

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

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The sequence:

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The sequence: A♠

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

The sequence: A♠ Q♠

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

The sequence: A♠ Q♠ 3♠

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

The sequence: A♠ Q♠ 3♠ 8♠

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

The sequence: A♠ Q♠ 3♠ 8♠ 10♠

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The sequence: A♠ Q♠ 3♠ 8♠ 10♠ 5♠

EXAMPLE 2: INDUCTIVE INFERENCE CARD GAME

The sequence: A♠ Q♠ 3♠ 8♠ 10♠ 5♠ ...

Scientist: Q♠, 3♠, 8♠, 10♦, A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: Q♠, 3♠, 8♠, 10♦, A♥

The sequence: A♠

Scientist: Q♠, 3♠, 8♠, 10♦

The sequence: A♠, A♥?

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: Q♠, 3♠, 8♠, 10♦

The sequence: A♠,

Rejected: A♥

Scientist: Q♠, 3♠, 8♠, 10♦,
J♦, 2♣ (penalty)

The sequence: A♠,
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 3♠, 8♠, 10♦,
J♦, 2♣

The sequence: A♠ Q♠?
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 3♠, 8♠, 10♦,
J♦, 2♣

The sequence: A♠ Q♠
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 8♠, 10♦,
J♦, 2♣

The sequence: A♠ Q♠ 3♠?
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 8♠, 10♦,
J♦, 2♣

The sequence: A♠ Q♠ 3♠
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 8♠, 10♦,
2♣

The sequence: A♠, Q♠, 3♠, J♦?
Rejected: A♥

THE ELEUSIS GAME: GOD VS SCIENTIST

Scientist: 8♠, 10♦,
2♣

The sequence: A♠, Q♠, 3♠,
Rejected: A♥, J♦

- admissible rules, cards interpretation
- a (cooperative) strategic inductive inference game
- makes Eleusis playable and enjoyable

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- *the thing* to do at ESSLLI 2008 in Hamburg

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- *the thing* to do at ESSLLI 2008 in Hamburg
- at ESSLLI in Opole?

- Course: **Formal Learning Theory and Epistemic Logic**
- By: **Nina Gierasimczuk** (Amsterdam) & **Wojciech Buszkowski** (Poznań)
- Website: <http://www.ninagierasimczuk.com/ESLLI2012/>