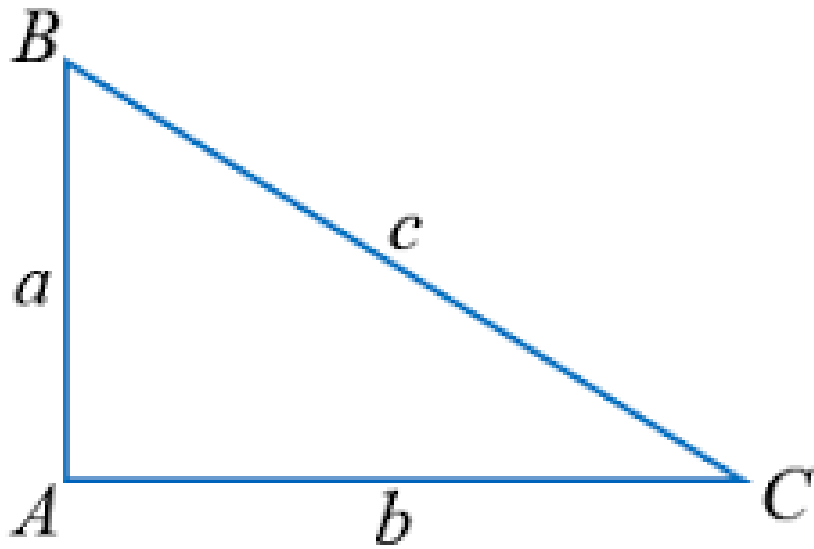# Artificial relevance as a way to strengthen an argument

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Related spheres

- Epistemic Logic

- Belief Revision

- Critical Thinking

- Theory of Argumentation

$$c^2 = a^2 + b^2$$

I don't believe.
It doesn't convince me.
It is inappropriate proof.
Give me another evidence.

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- **On my honor!**

- **I believe you!**

Argumentation failed

Agent is stubborn

- Argumentator is skilled

- Thesis is true

- Argument is valid

- Argumentation is correct

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Rational / Emotional

- Rational
- Formalized
- Explicit
- Confirmed
- Derivable

- Emotional
- Unformalized
- Implicit
- Unrealized
- Unfounded

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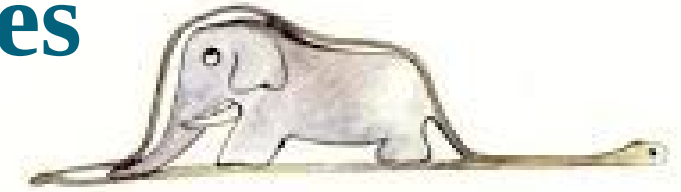
Implicit ≠ emotional

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Strong argument

- Entrenches the thesis
- Included in a justification chain
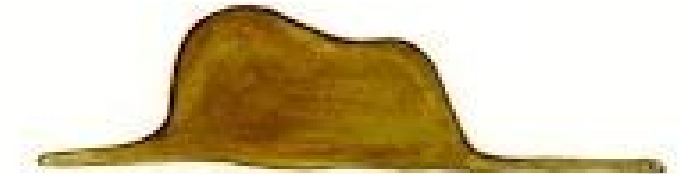- Connected with agent`s own beliefs

Relevant argument

- Relevance to the thesis
- Relevance to the audience
- Relevance to the implicit beliefs

basic principles / values

Null-entrenched
Resistant to change
Arise from social practices
Influence an argument assessment
General
Able to start various justification chains

How can we discover a basic principle?

- find by chance

- assume reasonably

- infer from the situation

- infer from social roles

- ask a question

- by analogy

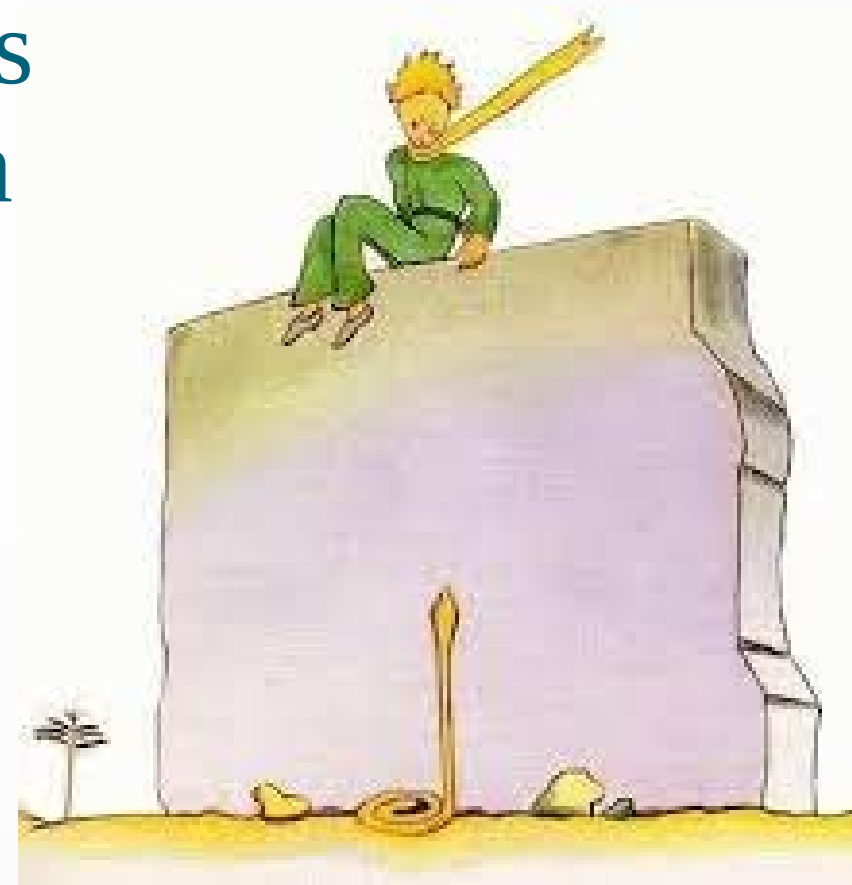- by experience

- by statistics

- ...

MUTUAL

- concepts
- premises
- consequences
- justification chains

How can artificial relevance be created?

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- Find a basic principle
- Create a relevant argument
- Connect the principle and the thesis
- Build an explicit justification chain
- Enter the argument

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Thanks for your attention!
Have a successful argumentation!

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