



*The deeper you look backward,
the **farther** (**further**) forward you can see*

*Чем глубже смотришь назад, тем **дальше** (в **дальнейшем**)
вперед вы можете видеть*

Семинар по специальности на английском языке

ЛЕКЦИЯ 3: THE LAW OF ACCELERATING RETURNS

22 сентября
2023



Different types of **cognitive** processes include:

Attention: allows people to focus on a specific stimulus in the environment.

Language: processes that involve the ability to understand and express thoughts through spoken and written words.

Learning: processes involved in taking in new things, synthesizing information, and integrating it with prior knowledge.

Memory: process that allows people to encode, store, and retrieve information.

Perception: process that allows people to take in information through their senses (sensation) and then utilize this information to respond and interact with the world.

Thought: essential part of every cognitive process that allows people to engage in decision-making, problem-solving, and higher reasoning.

Paradigm shift –

six epochs of capability evolution from **world of physics** to **world of knowledge/intelligence**

The Law of Accelerating Returns:

Or positive feedback of evolutionary process that increases exponentially over time human knowledge and experience

Necessary condition:

- Knowledge and experience grow if they can be stored in memory and represented in the form of a **readable code**

The are no **hard problems**, only problems that are hard to certain level of **intelligence**or **consciousness**

- What is level of intelligence ?
- What is consciousness ?
- What is hard problem in common sense ?

Table 1: **Three Types of Intelligence**

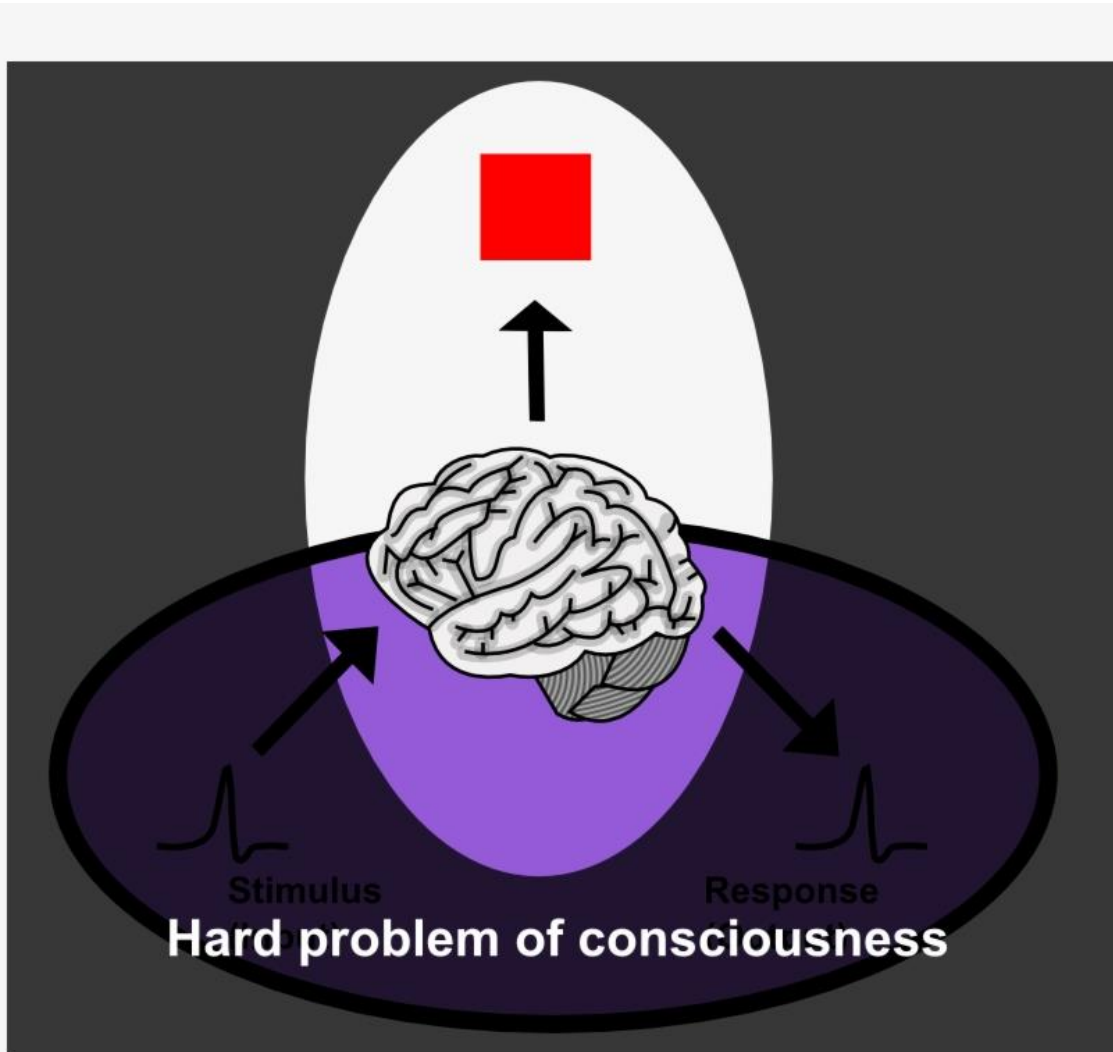
Capital	Intelligence	Function
IQ		
Material Capital	Rational Intelligence	What I think
EQ		
Social Capital	Emotional Intelligence	What I feel
SQ		
Spiritual Capital	Spiritual Intelligence	What I am



consciousness (сознание)... or perception (восприятие), thinking (мышление), understanding (понимание), interpretations (интерпретации).

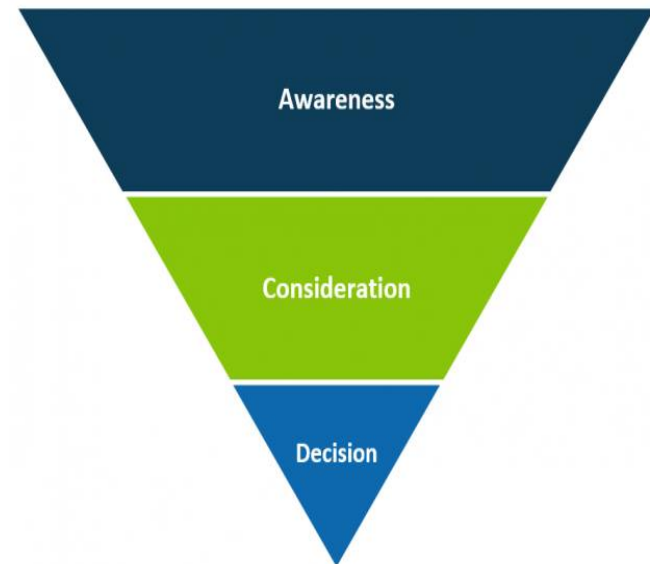


... person's feeling, ideas (идеи), sensations (ощущения)
...awareness (осознанность) .



.... **explaining** why and how we

- have **phenomenal** experiences
- gets feel **noumenal** explanation
- Logical decisions ...





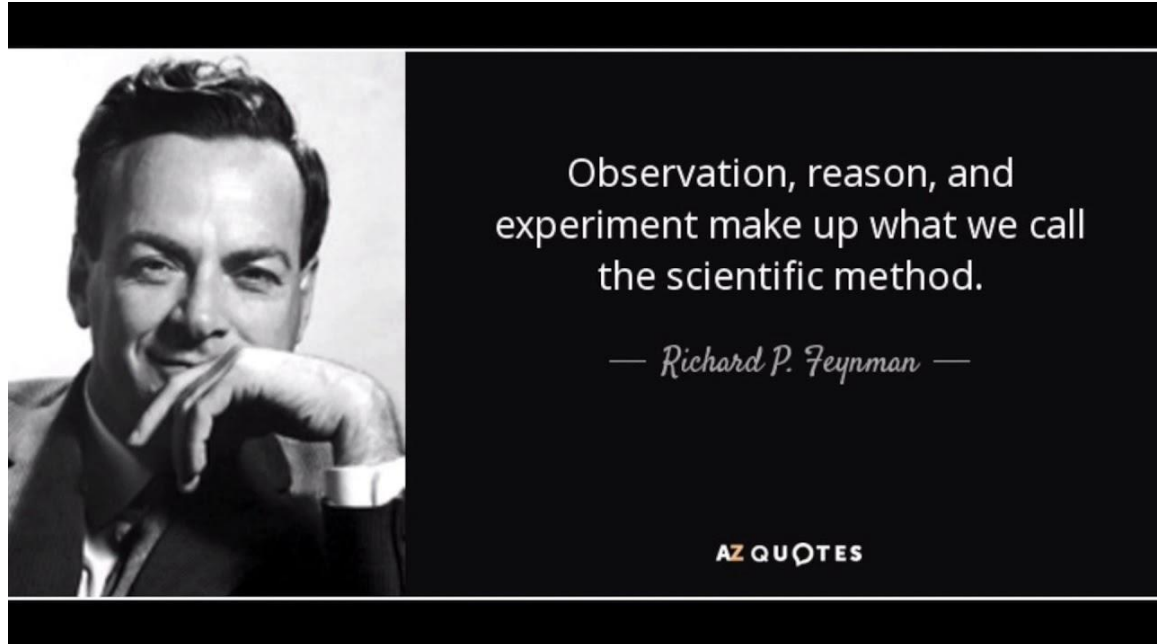
How to overcome hard problem ?

– understand basic facts about events actions, their effects and

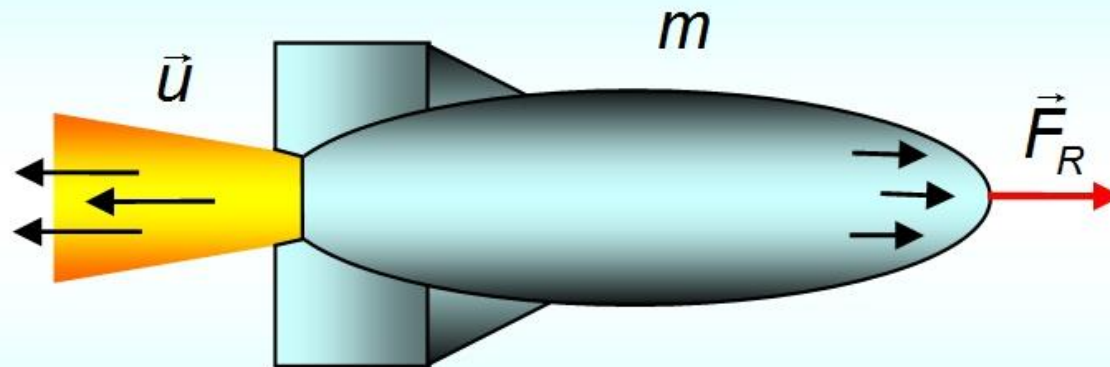
- be **awareness about** possible decisions or the way where are decisions can be find or how can be created

Nothing worth reading has been written on it.

будьте осведомлены
о ВОЗМОЖНЫХ
решениях или о
том, где можно
найти решения или
как их можно
создать



Главное:
**Реактивное движение тела –
движение за счёт отделения его части**



The Law of Accelerating Returns:

- Evolution applies positive feedback process
- The rate of progress or evolutionary process increases exponentially over time if increases accumulated knowledge and experience
- Knowledge and experience grow if they can be stored in memory and represented in the form of a readable code - **a book or a computer program**