



# NEW TRENDS IN DIGITAL EDUCATION

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## FIRST HOMEWORK: DIGITAL EDUCATION (COVID)

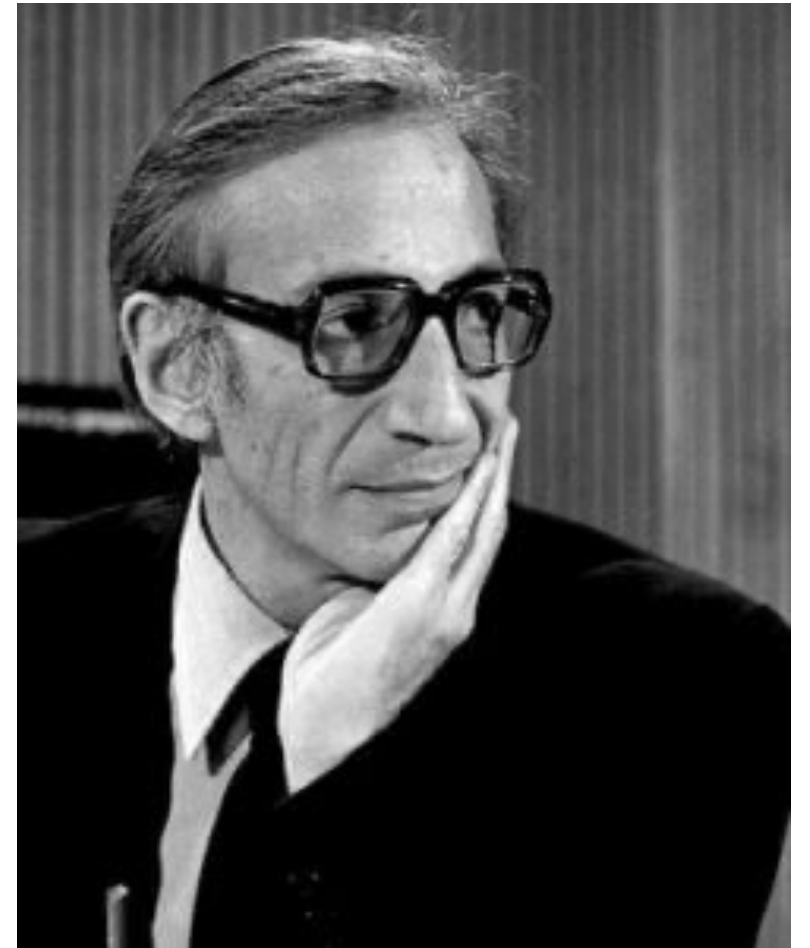
2021 – 2022 struggling with technical issues,  
learning platform

Platform raised pedagogical issues

Experiments or restoration?

New models of learning vs. old patterns of  
administration and time

停课不停学





## ARTIFICIAL INTELLIGENCE: THE NEXT BIG ISSUE?

- Neural networks
- Deep learning
- Artificial brain
- General intelligence
- Chess and Go

## THE TWO DIRECTIONS OF ARTIFICIAL INTELLIGENCE

General purpose  
to AI

- Tongyi Qianwen, Ernie,
- Chat GPT, Pangu

Product or service  
based on AI

- Squirrel, Duolingo
- SAP, Bing, Booking.com

# SQUIRREL: HOW TO IMPROVE THE MATH PERFORMANCE OF STUDENTS?



X+
课次 1 相交线
1 先行测试 2 测试报告 3 高效学习

正在学习: 内错角 (c210109) ← **Topic**

**8 [单选题]** \_\_\_(0F594CA8-08A5-BCFE-89EE-EC580A) 在图中标识的角中, 下列结论正确的是 ( )

A、有4对内错角  
B、有5对内错角  
C、有6对内错角  
D、有7对内错角

**分析**

根据内错角的定义识别内错角: 两条直线被第三条直线所截, 得到的角中, 两个角分别在两条直线之间, 并且分别在第三条直线的两侧, 具有这种位置关系的一对角叫做内错角. 互为内错角的两个角可以组成形如字母“Z”的基本图形.

**Correction Rate**

**Elapsed Time** 00:02:36

**Knowledge components covered**

当前正确率 29%    已学知识点 27%

**Link to resources** → 遇到困难了吗? 可以查看下列资料

**Request for video instructions** → 知识点讲解视频

**Request for explanations** → 查看分析

**Explanations if requested by students**

**Submit student answer** → 提交

## TRADITIONAL TEACHING CHALLENGED BY AI

- Long lectures
- Heavy homework
- Memory based exams and tests



# A POSITIVE PERSPECTIVE ON TEACHING PROFESSION



- Humans are the masters, machines are the slaves
- Leaving slave work to machines: diagnostic tests, test processing, repetitive exercises, memory development, presentation of knowledge-based materials
- Mathematics is an exception
- Raising the level of pedagogical work: Socratic way of teaching and learning



THANK YOU!

VETWORK 2023 BUDAPEST