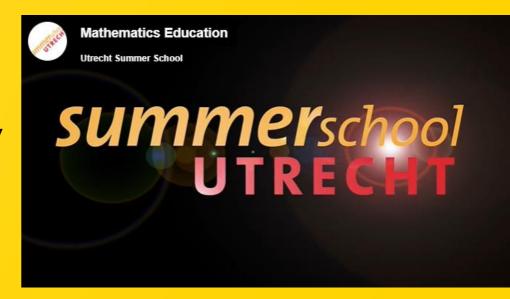


## Welcome at Utrecht University

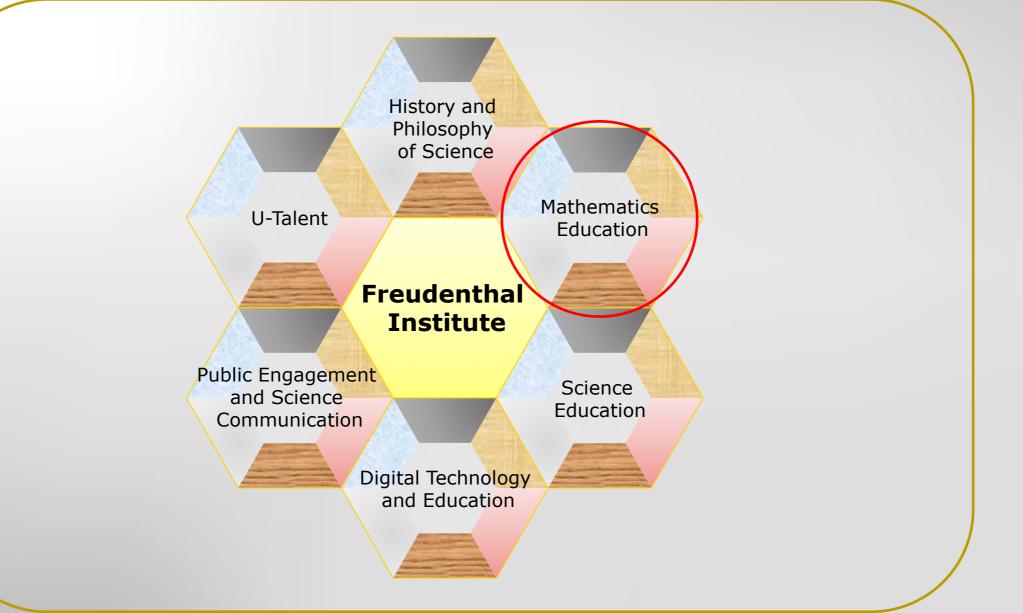
**Paul Drijvers** 

Scientific director Freudenthal Institute





#### **Utrecht University -> Science Faculty -> Dept of Mathematics**

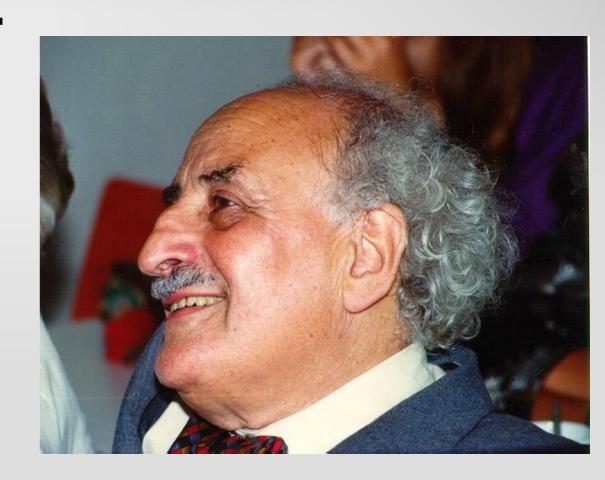




### The Institute's founder

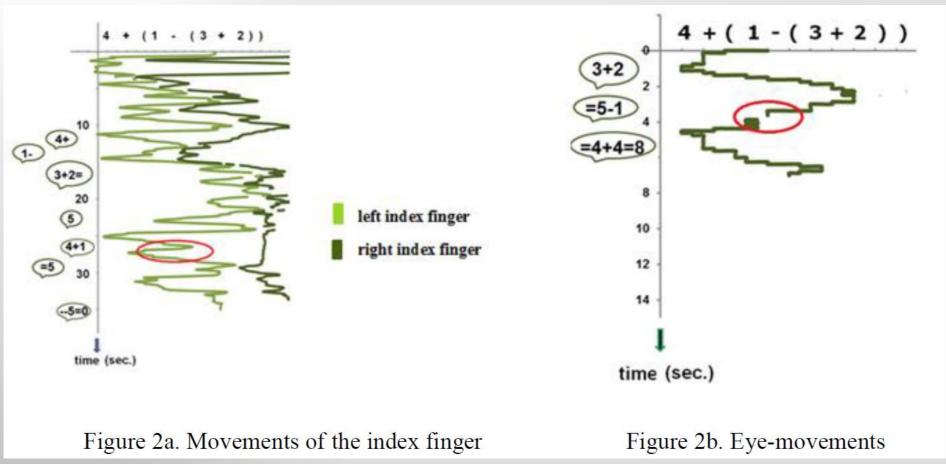
Prof. Hans Freudenthal (1905-1990):

Mathematics as human activity





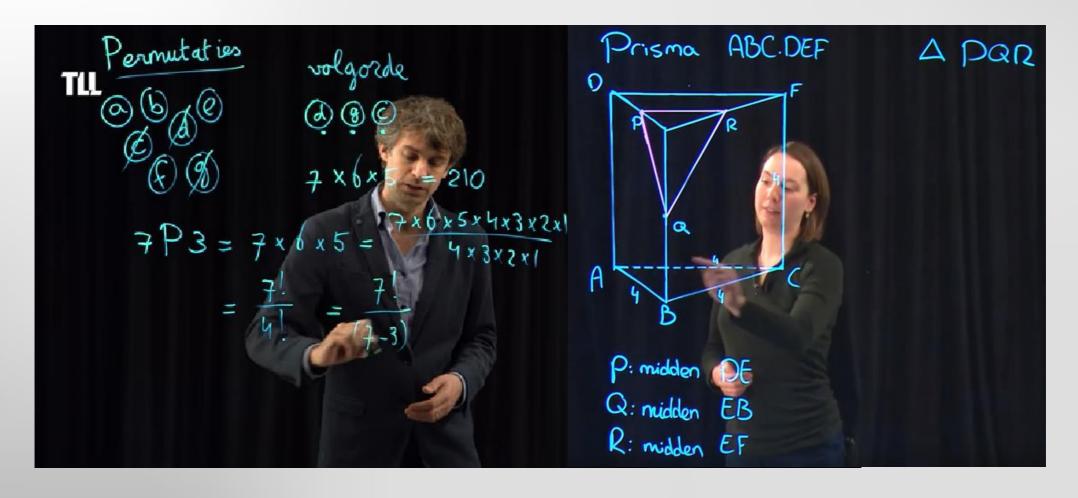
### Research: finger tracking and eye tracking



Van Leendert et al., 2016



### **Teaching: Math D online**





#### **Outreach: Teacher conferences**

#### Nationale Wiskunde Dagen



#### NATIONALE WISKUNDE DAGEN

Als wiskundeleraar moet je van tijd tot tijd nieuwe ideeën op kunnen doen en creatief en actief met je vak bezig zijn. Dat kan door te luisteren naar een goed verhaal, door actief mee te doen in werkgroepen en door met collega's van gedachten te wisselen. De NWD biedt die gelegenheid en is bedoeld voor alle wiskundeleraren die les geven aan leerlingen van 12 tot 18 jaar van ieder schooltype.







Enjoy!

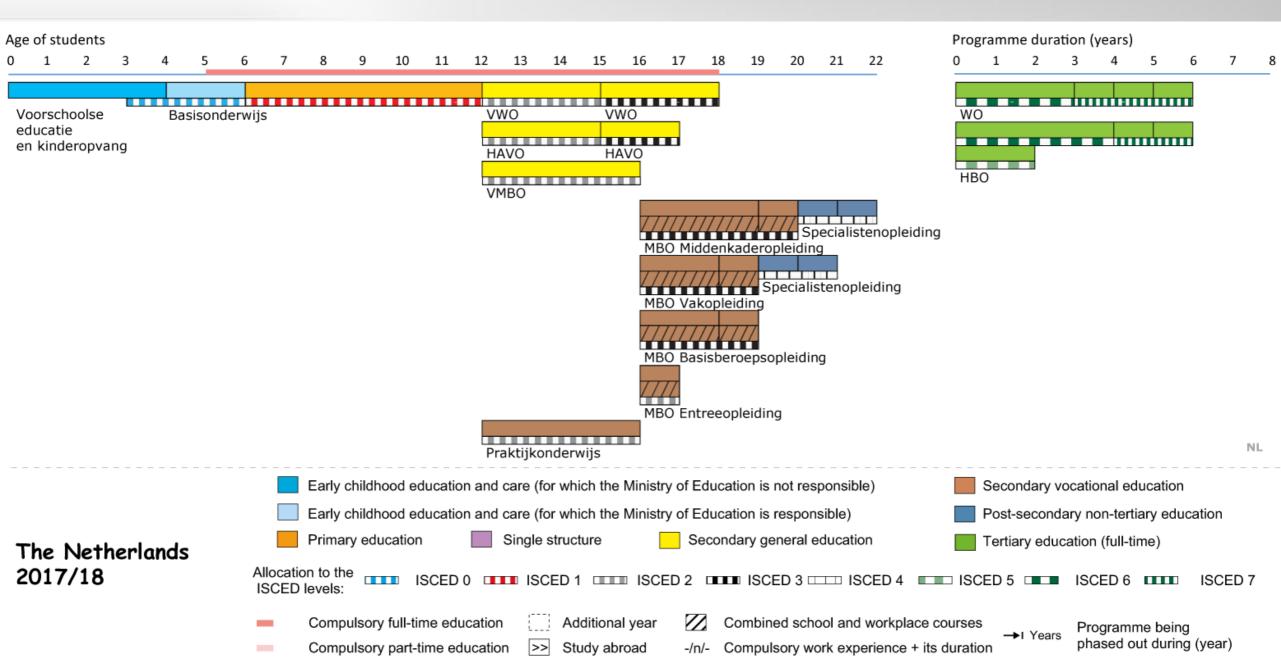


## Welcome at our summer school

**Michiel Doorman and colleagues** 

#### Educational system of the Netherlands

Faculty of Science Freudenthal Institute





# Phenomena in the Netherlands: what could be a mathematical question? (T-P-S)





#### Mathematics in the Netherlands

ICME13 movie: what math do you see?



### Time to get to know each other!

- Circa 30 participants
- >10 nationalities

Respect each others' needs

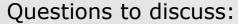




### Time to get to know each other!

- Circa 30 participants
- >10 nationalities





- 1) who are you and what's your motivation to be here?
- 2) explain the educational system of your country
- 3) can you think of "mathematical questions" about something you experienced recently?



#### Final words before lunch

- Summer school: course or collage?
- Afternoon sessions to create coherency, connect sessions, process content by creating a product
- Question us!

### Questions?

