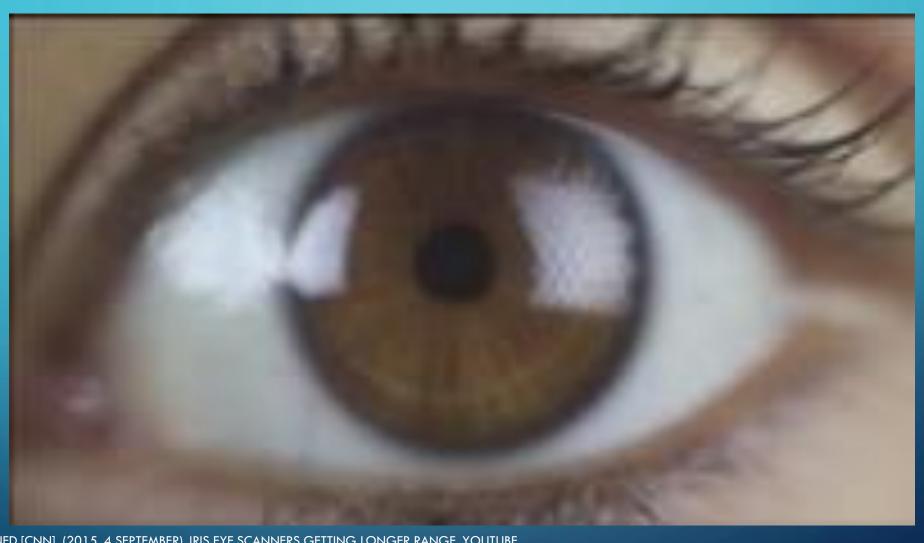


# RETINAL/IRIS SCANNERS

MAX MEINERS

# DIFFERENCES & SIMILARITIES

Category	Iris Scanning (Biometric Modality)	Retinal Scanning (Biometric Modality)
Extremely fast and reliable search results	✓	✓
Uses safe, low energy-infrared light for scanning (same as what is used in TV remote controls)		✓
Uses a digital camera to capture the image	✓	
Has absolutely no negative impact on human health	✓	✓
Ability to save biometric images for auditing purposes	✓	
Ideal for large databases	✓	✓
Completely contactless	✓	✓
Measurement accuracy affected by disease		✓
Requires close proximity to camera for successful scan		✓



UNDEFINED [CNN]. (2015, 4 SEPTEMBER). IRIS EYE SCANNERS GETTING LONGER RANGE. YOUTUBE.

GERAADPLEEGD OP 23 SEPTEMBER 2022, VAN

HTTPS://WWW.YOUTUBE.COM/WATCH?V=H3WNJRCCQ\_I&AB\_CHANNEL=CNN

### **TOPICS**

01

Minority Report vs. Real-life setting 02

Taxonomy of Al

03

Feasibility

04

Sources



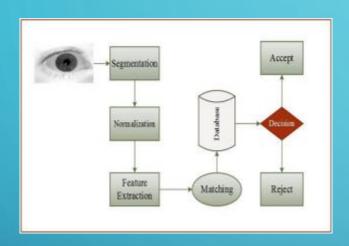


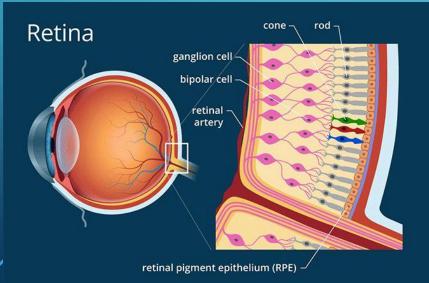


## MINORITY REPORT VS REAL-LIFE SETTING

JUST A MOMENT. J. (Z.D.-D). GERAADPLEEGD OP 23 SEPTEMBER 2022, VAN HTTPS://WWW.RESEARCHGATE.NET/PROFILE/OLUDAREOMOLARA/PUBLICATION/333538332\_FINGEREYE\_IMPROVISING\_SECURITY\_AND\_OPTIMIZING\_ATM\_TRANSACTION\_TIME\_BASED\_ON\_IRISSCAN\_AUTHENTICATION/LINKS/5D0521B692851C90043F0473/FINGEREYE-IMPROVISING-SECURITY-AND-OPTIMIZING-ATM-TRANSACTION-TIME-BASED-ON-IRIS-SCAN-AUTHENTICATION.PDF

# TAXONOMY OF AI



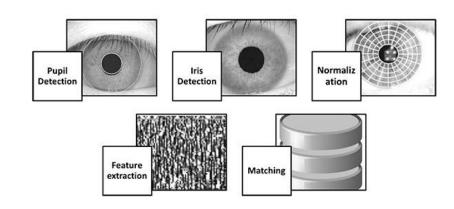


DOMAIN

**SUB-DOMAIN** 

Perception

Computer vision





## **FEASIBILITY**

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