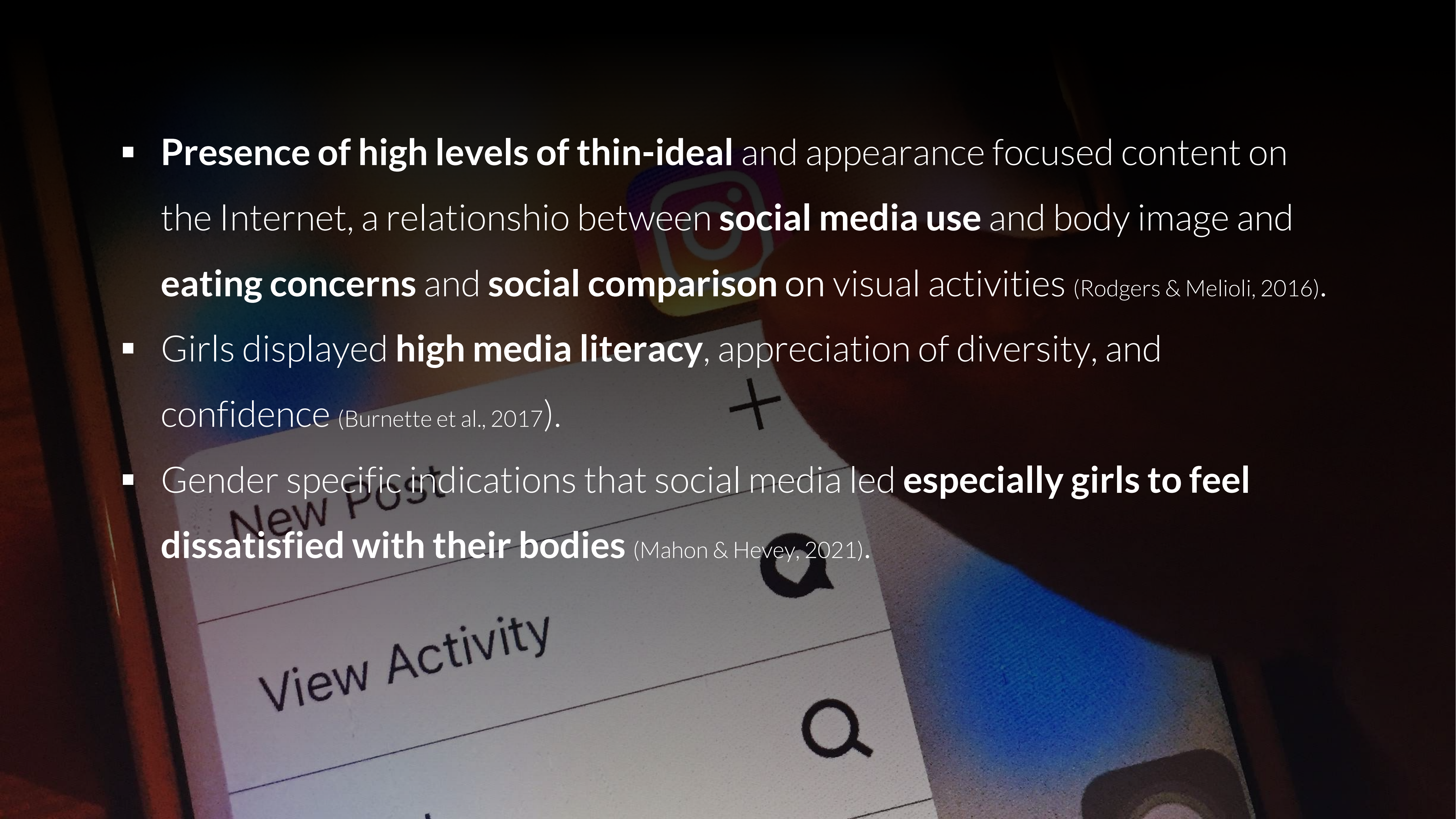


25.08.2023 | Glasgow
ECER 2023

BEAUTY AND THE BIASED

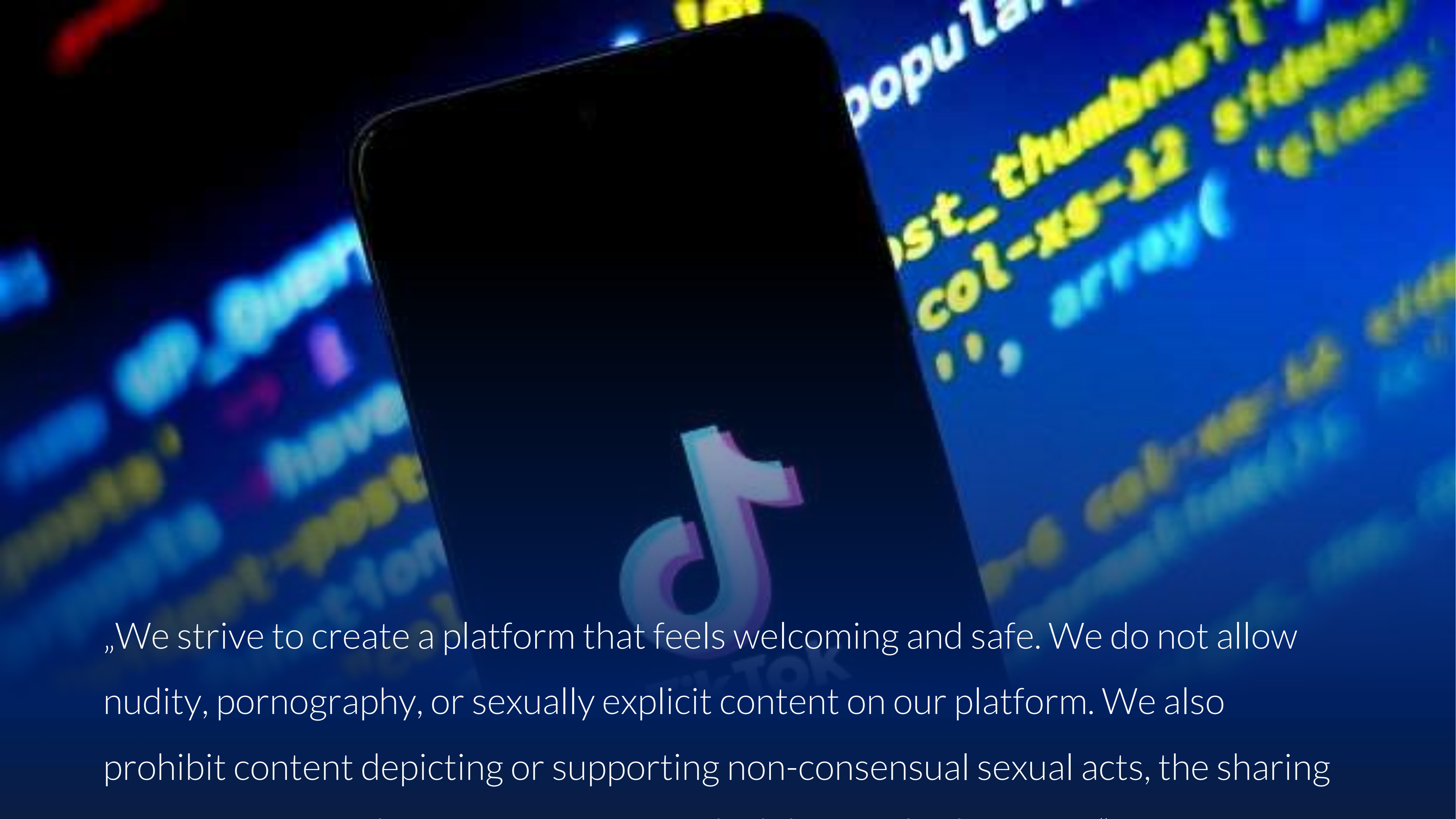
HOW CONTENT REGULATION ON TIKTOK DIMINISHES DIVERSITY
AND WHAT MEDIA EDUCATION CAN DO ABOUT IT

- 
- **Presence of high levels of thin-ideal** and appearance focused content on the Internet, a relationship between **social media use** and body image and **eating concerns** and **social comparison** on visual activities (Rodgers & Melioli, 2016).
 - Girls displayed **high media literacy**, appreciation of diversity, and confidence (Burnette et al., 2017).
 - Gender specific indications that social media led **especially girls to feel dissatisfied with their bodies** (Mahon & Hevey, 2021).

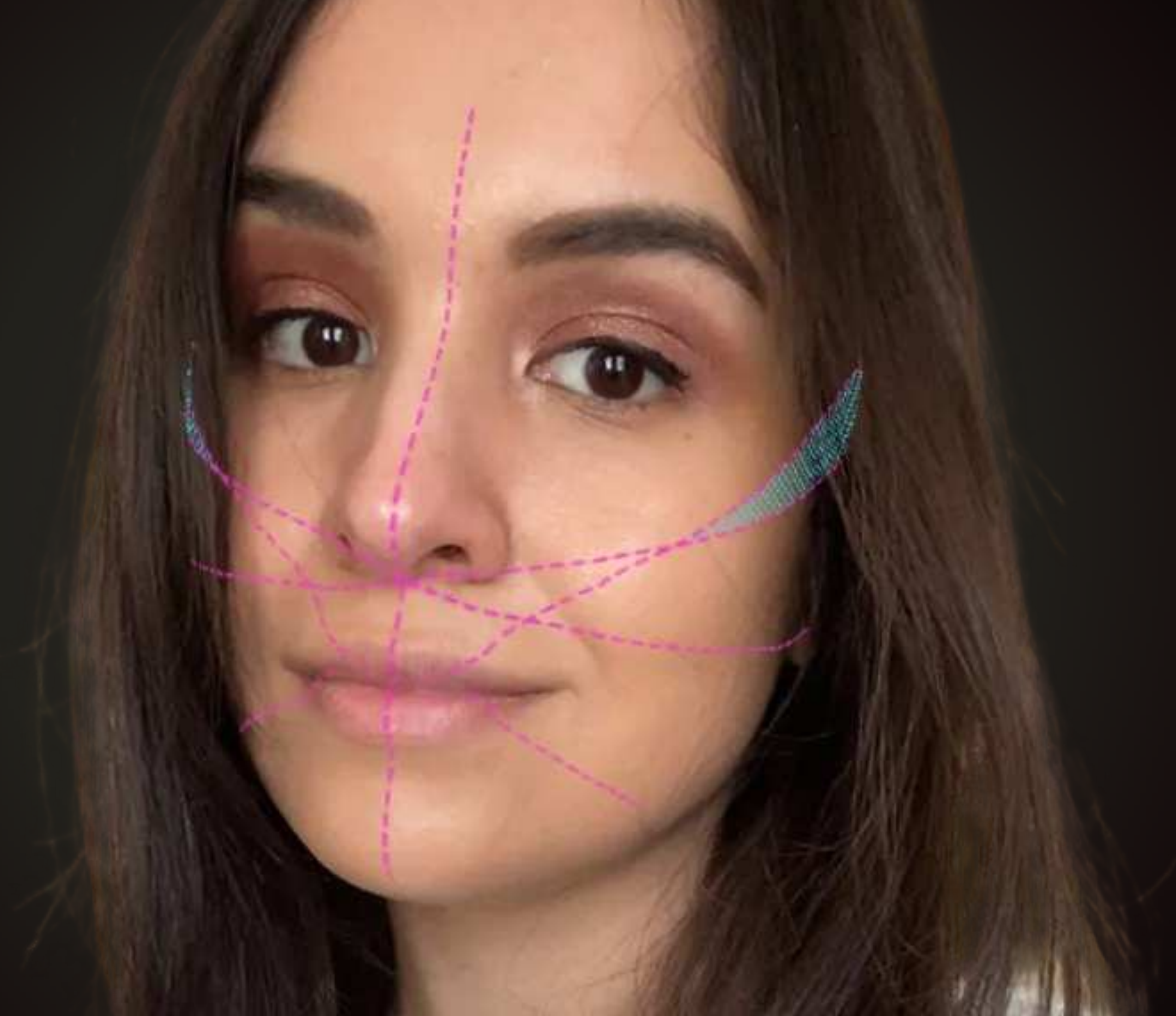


- **International release 2018**
(initially launched in 09/2016)
- **Videos are about 15s to 1 minute**
(live streams are popular as well)
- **About 1 billion users**
(facebook has ~2.8 billion)





„We strive to create a platform that feels welcoming and safe. We do not allow nudity, pornography, or sexually explicit content on our platform. We also prohibit content depicting or supporting non-consensual sexual acts, the sharing





25mm

69%

82%

25mm

45°



- People with disabilities were kept away from the big stage
- Vulnerable only visible in home country
- PR campaigns for diversity and inclusion
- A list of „special users“ (Köver & Reuter 2019)



Policy Rationale

Bullying has been proven to cause severe emotional and physical distress, especially in minors.

Content of subjects likely to incite cyberbullying will be allowed but marked with risk tag 4

TikTok rules for Cyberbullying: „Autism, Down Syndrome: These moderation rules for dealing with supposedly disabled users were valid at TikTok until at least September 2019.

Source: netzpolitik.org/2019/discrimination-tiktok-curbed-reach-for-

Title

Imagery depicting a subject highly vulnerable to cyberbullying

Playbook Rule DE DE

Subject who is susceptible to bullying or harassment based on their physical or mental condition.

Example:

- Facial disfigurement
- Autism
- Down Syndrome
- Disabled people or people with some facial problems such as birthmark, slight squint and etc. if it showing with positive energy and value general + risk

Moderation and visibility at TikTok





Media and **Education**



$\psi = 0, d = n \frac{\lambda}{2}, n = 1, 2, 3, \dots$
 $E = \frac{1}{2} m v^2 = \frac{p^2}{2m}, E_n = \frac{p_n^2}{2m}$
 $E_1 = \frac{h^2}{8md^2}, E_2 = 4E_1, E_3 = 9E_1$
 $E_n = n^2 \frac{h^2}{8md^2} = n^2 E_1$
 $\Delta \psi = -\frac{\hbar^2}{2m} \nabla^2 \psi = E \psi$
 $\psi(x,0) = A \exp(-\frac{x^2}{4\sigma_x^2}) e^{i k x}$
 $|\psi|^2 = A^2 \exp(-\frac{x^2}{2\sigma_x^2})$
 $B(k) = \frac{\sigma_x}{\sqrt{\pi}} e^{-\sigma_x^2 (k-k_0)^2}$
 $\psi(x) = A \cos(k_0 x - \omega t)$
 $u_H = -\int \mathbf{B} \cdot (d\mathbf{l})$
 $u_H = E_H b = v d B b$

$F_{R, \text{max}} = -\mu R, \mu mg \cos \theta = 0$
 $= -mg \sin \theta_{\text{max}}$
 $v = \sqrt{2gl}$
 $E_{\text{mech}, E} = E_{\text{mech}, A}$
 $\frac{1}{2} m v_E^2 + m g y_E = \frac{1}{2} m v_A^2 + m g y_A$
 $\frac{1}{2} m v_E^2 = m g h$
 $l \cos \theta_0 = l - h$
 $h = l - l \cos \theta_0$
 $\cos \theta = \frac{\lambda_1}{r}, \sin \theta = \frac{\lambda_2}{r}$
 $\lambda_1 = \frac{u_1}{f}, \lambda_2 = \frac{u_2}{f}$
 $\sin \theta_2 = \frac{\lambda_2}{r}$
 $\frac{1}{r} = \frac{1}{\lambda_1} \sin \theta_1 = \frac{1}{\lambda_2} \sin \theta_2$
 $\frac{1}{\lambda_1} = \frac{1}{\lambda_2} \frac{\sin \theta_2}{\sin \theta_1}$
 $\frac{1}{\lambda_1} = \frac{1}{\lambda_2} \frac{u_2}{u_1}$
 $\lambda_1 = \frac{u_1}{u_2} \lambda_2$

$\gamma(x) = A \sin(2\pi \frac{x}{\lambda} + \delta)$
 $y(x,t) = A \sin(kx - \omega t)$
 $2\pi \nu = k \lambda = \frac{2\pi}{\lambda} \nu$
 $\lambda_{\text{max}} = \frac{2.99 \text{ mmK}}{T}$
 $P_e = e B A T^4$
 $P_a = \dots$
 $1200K, 1000K$

$\mathbf{F} = F_x \mathbf{i} + F_y \mathbf{j}$
 $\mathbf{r} = r \cos \phi \mathbf{i} + r \sin \phi \mathbf{j}$
 $\mathbf{F} = F_r \mathbf{e}_r + F_\phi \mathbf{e}_\phi$
 $F_r = F \cos \phi, F_\phi = F \sin \phi$
 $\mathbf{v} = v \sin \phi \mathbf{e}_\phi$
 $v^2 = v_0^2 + r^2 \dot{\phi}^2$
 $U = F_r r = F \sin \theta = F l$
 $F_{n,x} + F_{a,x} = m a$
 $F_{n,x} = 0, F_{a,x} = F \sin \theta = m g \sin \theta$
 $a_x = g \sin \theta$
 $v^2 = 2 g \sin \theta \Delta x$
 $v^2 = 2 g h$
 $v_s = \sqrt{2 g h} \cdot \sin \theta$

$\oint \mathbf{E} \cdot d\mathbf{l} = -\frac{d}{dt} \int \mathbf{B} \cdot d\mathbf{A} = -\frac{d\Phi_B}{dt}$
 $\oint \mathbf{B} \cdot d\mathbf{l} = \mu_0 \int \mathbf{J} \cdot d\mathbf{A} = \mu_0 I$
 $\oint \mathbf{E} \cdot d\mathbf{A} = \frac{1}{\epsilon_0} q$
 $\oint \mathbf{B} \cdot d\mathbf{A} = 0$
 $\oint \mathbf{E} \cdot d\mathbf{l} = -\frac{d\Phi_B}{dt}$
 $\oint \mathbf{B} \cdot d\mathbf{l} = \mu_0 (I + I_d)$
 $\mathbf{E} = c \mathbf{B}$
 $\mathbf{B} = \mathbf{B}_2 + \mu_0 \mathbf{H} = \mathbf{B}_2 (1 + \chi_{\text{mag}})$
 $\mathbf{E} = c \mathbf{B}$
 $\mathbf{B} = \mu_0 (\mathbf{J} + \mathbf{J}_d)$
 $\mathbf{E} = c \mathbf{B}$

$E_{\text{pot}} = -\frac{1}{4\pi\epsilon_0} \frac{ze^2}{r}$
 $E_{\text{kin}} = \frac{1}{2} m v^2 = \frac{1}{2} \frac{1}{4\pi\epsilon_0} \frac{ze^2}{r}$
 $E_{\text{pot}} = -2 E_{\text{kin}}$
 $E_{\text{pot}} = \frac{1}{4\pi\epsilon_0} \frac{q_1 q_2}{r}$
 $\frac{1}{f} = \frac{1}{s} + \frac{1}{s'}$
 $s = u \cdot h$
 $\frac{1}{2} m_1 v_{1E}^2 + \frac{1}{2} m_2 v_{2E}^2 = \frac{1}{2} m_1 v_{1E}^2 + \frac{1}{2} m_2 v_{2E}^2$

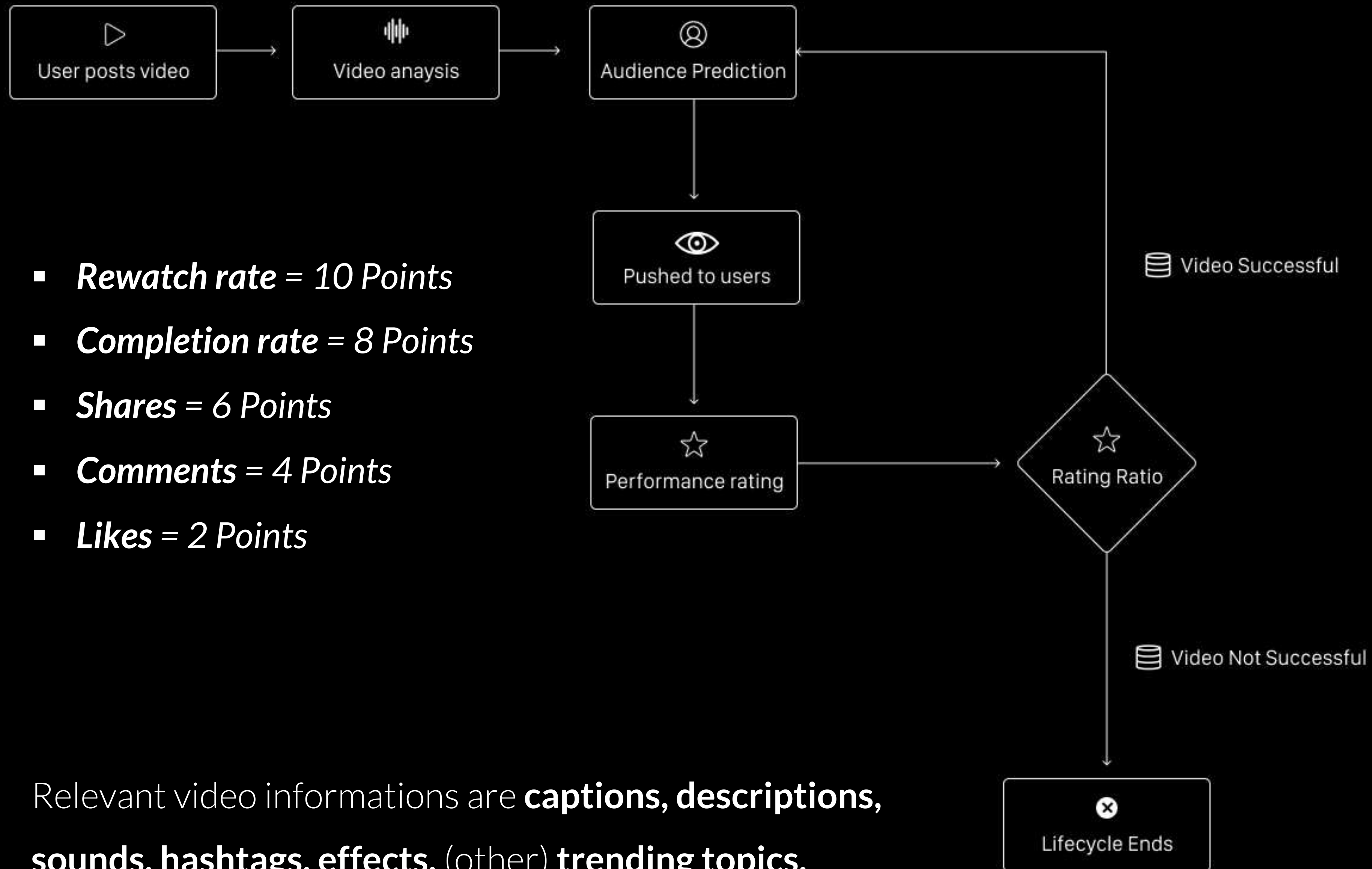
$\frac{1}{2} \rho F (f^2 - 1) v_1^2 = (\rho_u - \rho_o) g o h$
 $\sum F_y = -k_f (y' + y_0) + m$
 $\sum F_y = -k_f y'$
 $-k_f y' = m \frac{dy'}{dt}$
 $y' = A \cos(\omega t + \delta)$
 $F_c = F \sin \phi$
 $U_{A, \text{eff}} = X_C I_{\text{eff}}$
 $U_E = \frac{U_{E, \text{eff}}}{Z}$
 $U_{A, \text{eff}} = X_C I_{\text{eff}} = \frac{X_C U_{E, \text{eff}}}{Z}$
 $Z = \sqrt{R^2 + X_C^2}$
 $U_{A, \text{eff}} = X_C I_{\text{eff}} = \frac{X_C U_{E, \text{eff}}}{Z}$
 $Z = \sqrt{R^2 + X_C^2}$

$\mathbf{F}_1 + \mathbf{F}_2 + \mathbf{F}_3 = m \mathbf{a}$
 $|\mathbf{F}_{s1}| = -\frac{1}{2} F_0$
 $\mathbf{F}_{s2} = |\mathbf{F}_{s1}| \frac{\cos \phi}{\cos \phi}$
 $\mathbf{F}_{s2} = |\mathbf{F}_{s1}| \frac{\cos \phi}{\cos \phi}$

$v_p = \sqrt{\frac{2 \Gamma m e}{r e}} = \sqrt{2 g r e}$
 $E_2 > 9$

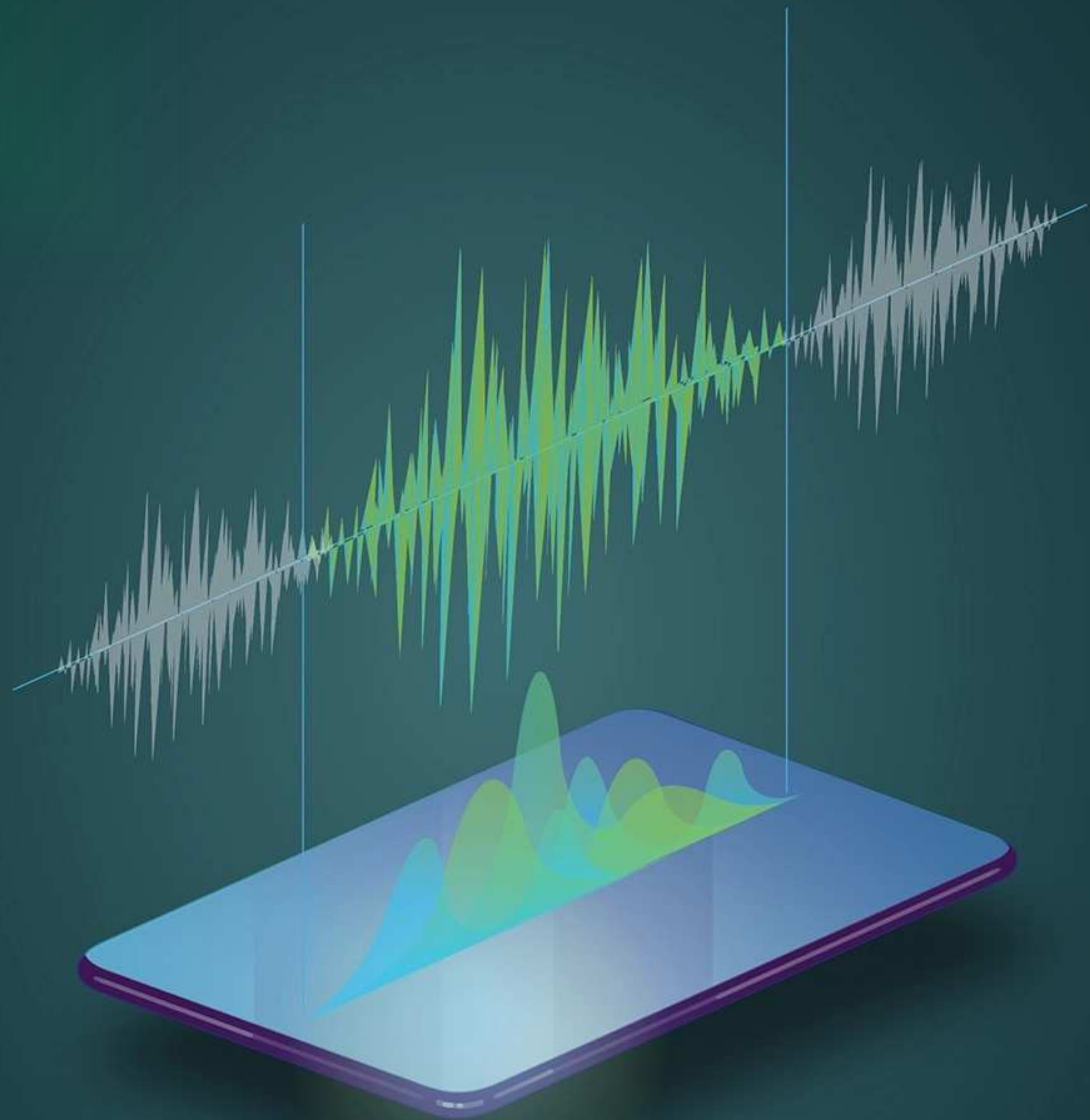


- *Rewatch rate = 10 Points*
- *Completion rate = 8 Points*
- *Shares = 6 Points*
- *Comments = 4 Points*
- *Likes = 2 Points*



recommender systems unplugged







```
def main():
    client = speech.SpeechClient()
    config = speech.RecognitionConfig(
        encoding=speech.RecognitionConfig.AudioEncoding.LINEAR16,
        sample_rate_hertz=RATE,
        language_code=language_code,
    )

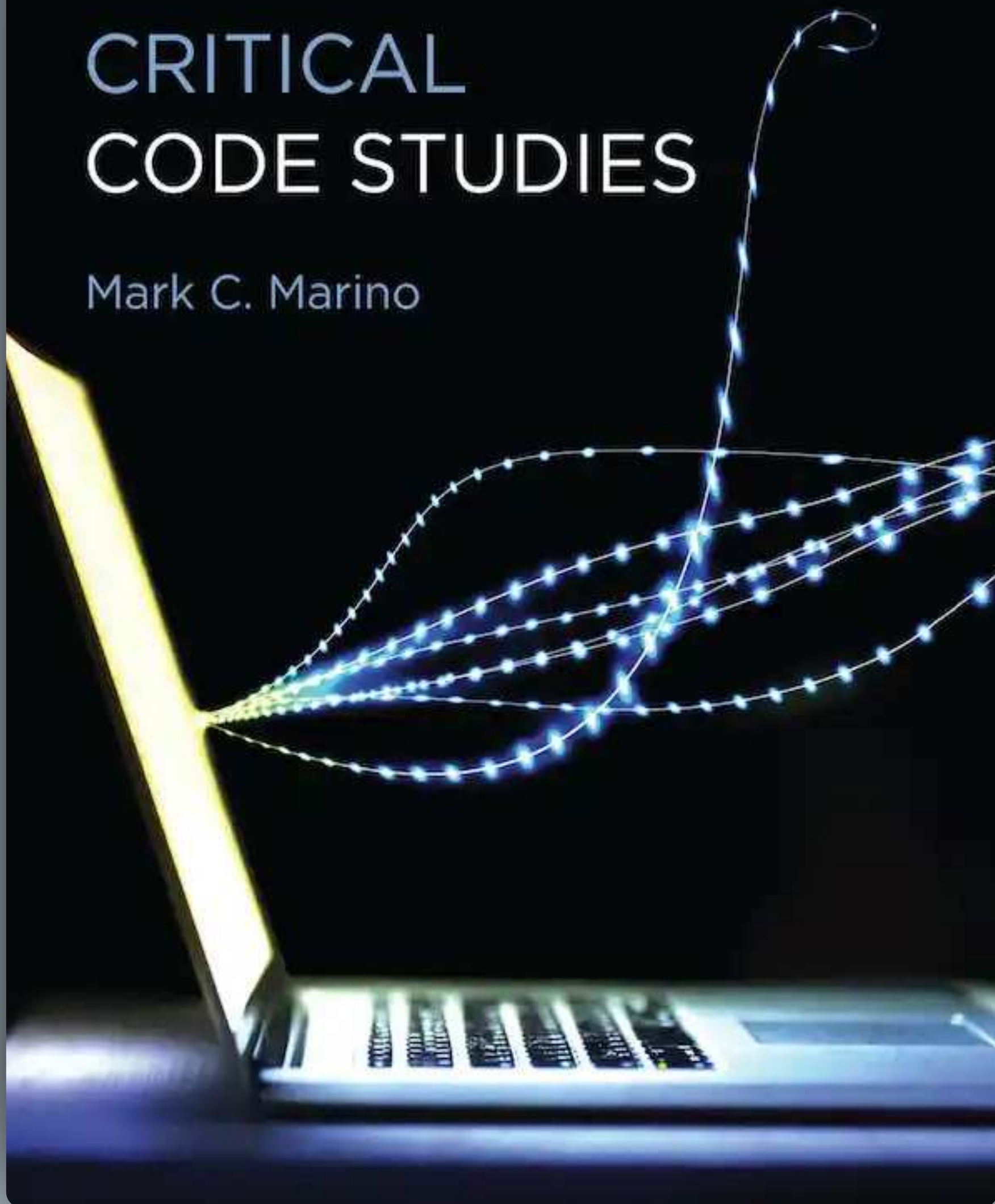
    streaming_config = speech.StreamingRecognitionConfig(
        config=config, interim_results=True
    )

    with MicrophoneStream(RATE, CHUNK) as stream:
        audio_generator = stream.generator()
        requests = (
            speech.StreamingRecognizeRequest(audio_content=content)
            for content in audio_generator
        )
        responses = client.streaming_recognize(streaming_config, requests)

    listen_print_loop(responses)
```


CRITICAL CODE STUDIES

Mark C. Marino



```
def main():
    client = speech.SpeechClient()
    config = speech.RecognitionConfig(
        encoding=speech.RecognitionConfig.AudioEncoding.LINEAR16,
        sample_rate_hertz=RATE,
        language_code=language_code,
    )

    streaming_config = speech.StreamingRecognitionConfig(
        config=config, interim_results=True
    )

    with MicrophoneStream(RATE, CHUNK) as stream:
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            speech.StreamingRecognizeRequest(audio_content=content)
            for content in audio_generator
        )
        responses = client.streaming_recognize(streaming_config, requests)

    listen_print_loop(responses)
```


 **medienpaed-asr** Public

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About



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 Activity

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 1 watching

 0 forks

Releases

No releases published

[Create a new release](#)

 **danvers** smaller ui thumb

5e7cca2 on Jul 20 20 commits

	assets	Fehlerbehebung beim UI Script	last month
	img	smaller ui thumb	last month
	.DS_Store	smaller ui thumb	last month
	.gitignore	Fehlerbehebung beim UI Script	last month
	LICENSE	Dateien und Readme	last month
	README.md	update readme	last month
	my_live_asr.py	Kleine Überarbeitungen	last month
	simple_sr.py	Kleinere Anpassungen und Erläuterungen.	last month
	simple_sr_ui.py	Kleinere Anpassungen und Erläuterungen.	last month

 README.md

 **Ausgerechnet Algorithmen**



See <https://github.com/danvers/medienpaed-asr>

Have a great day!