

ZOOM

Is It Really The Tool of the Devil??

Dominic Vogel, Founder & Chief Strategist

CyberSC

WHO IS THIS CLOWN?

Founde & Chief Strategist
CyberSC

15 year career in cyber
security

Public & private sectors

Co-Host Cyber Security
Matters Podcast

Media ego – commentator
on data breaches

Provincial Cyber Security
Advisory Committee
Member



PRE-PANDEMIC...



PANDEMIC HITS: EVERYONE SCRAMBLES TO WORK REMOTELY...



GREATER SCRUTINY & MEDIA HYPE CYCLE...



SH*T JUST GOT REAL!



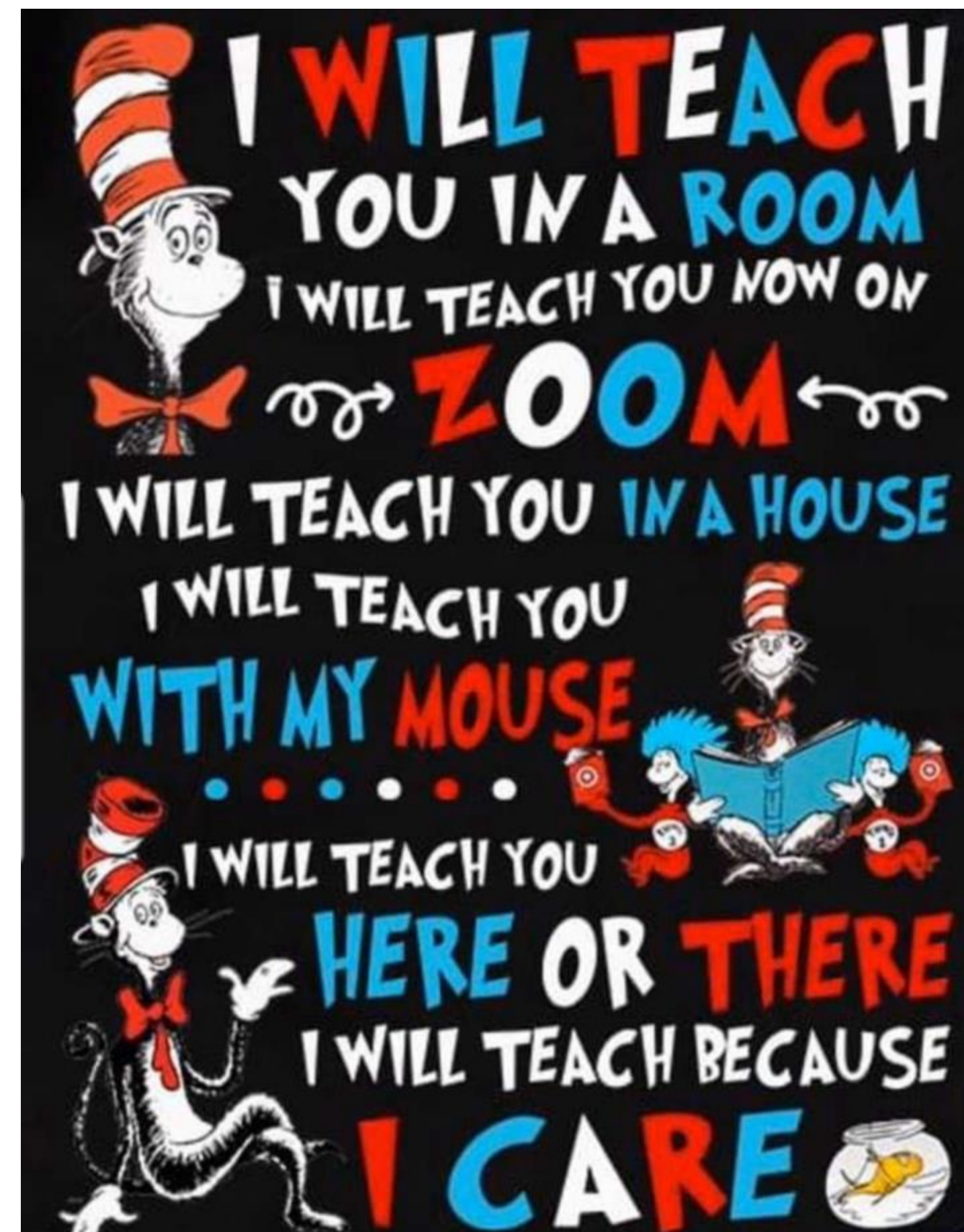
ZOOM ZOOM

- Suddenly multiplied user base (10 to 200 million)
- Magnified flaws that would have been critical for any software
- Had prioritized usability over privacy/security
- Why had no investor(s) raised privacy/security concerns?
- Made more obvious that security/privacy not optional



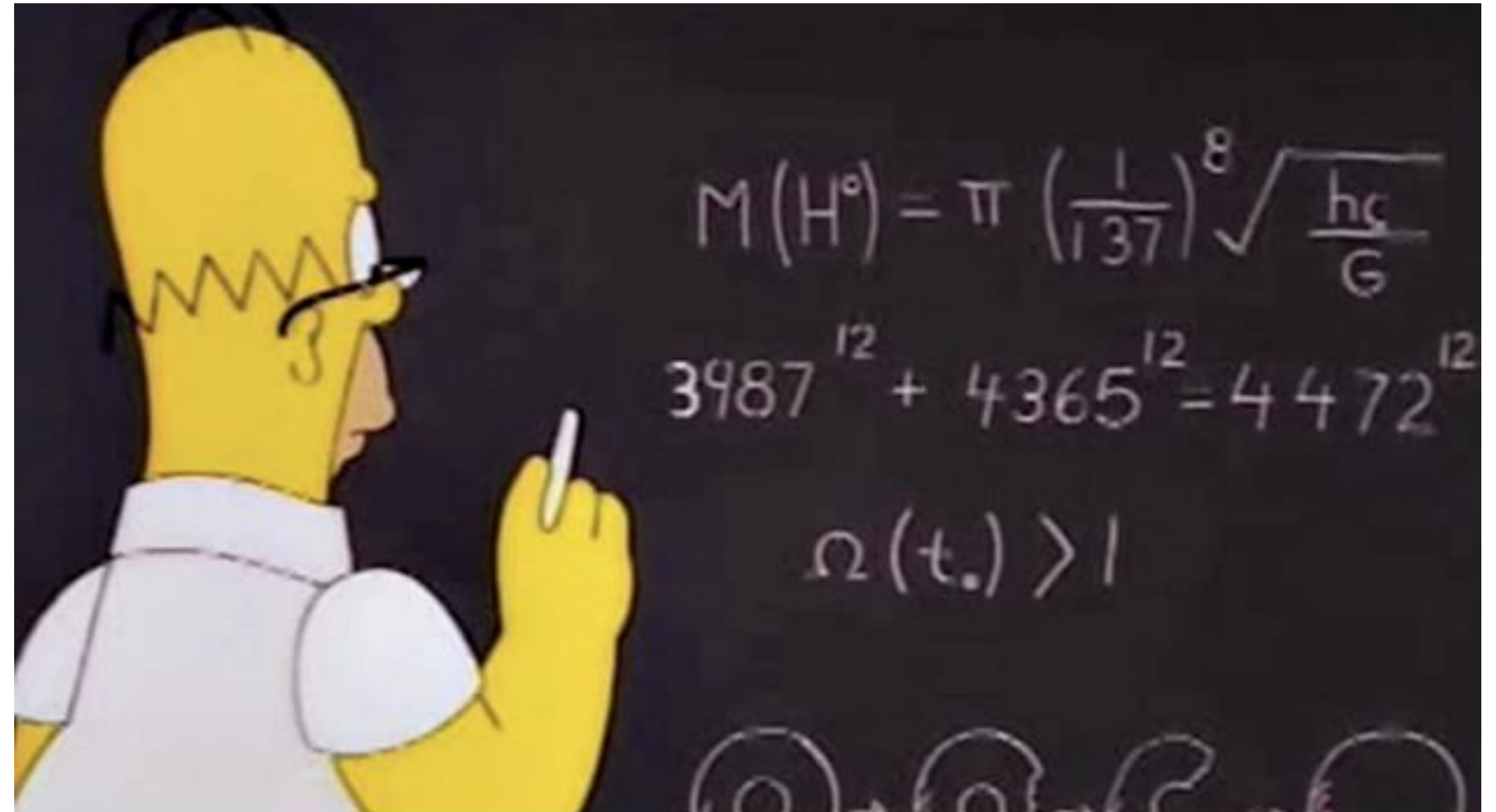
FOR FUDS SAKE...

- Fear, uncertainty, doubt kicked into overdrive
- Knee-jerk reactions
- People trying to do good were vilified
- Zoom automatically assumed to be “evil”
- Took away from constructive dialogue
- Little focus on important convos



HYPE VS FACT...

- Solution A is more secure than Zoom
 - Secure against what??
- Google & Microsoft E2EE
 - Lawyer convo
- Zoom misled E2EE claim
- If you need true E2EE will need to make tradeoffs for greater levels of security
- Define your requirements
 - Sedan vs minivan



Homer's insights into math and physics Screenshot: [Huffington Post/Fox](#)

BOOM GOES ZOOM

- Zoom has made significant improvements
- Still more to come: secure by default, transparency
- All software has vulnerabilities
- Public scrutiny has made Zoom more secure
 - Windows OS vs Apple
- Balance risk vs reward
- Variety of use cases – one size fits all doesn't exist



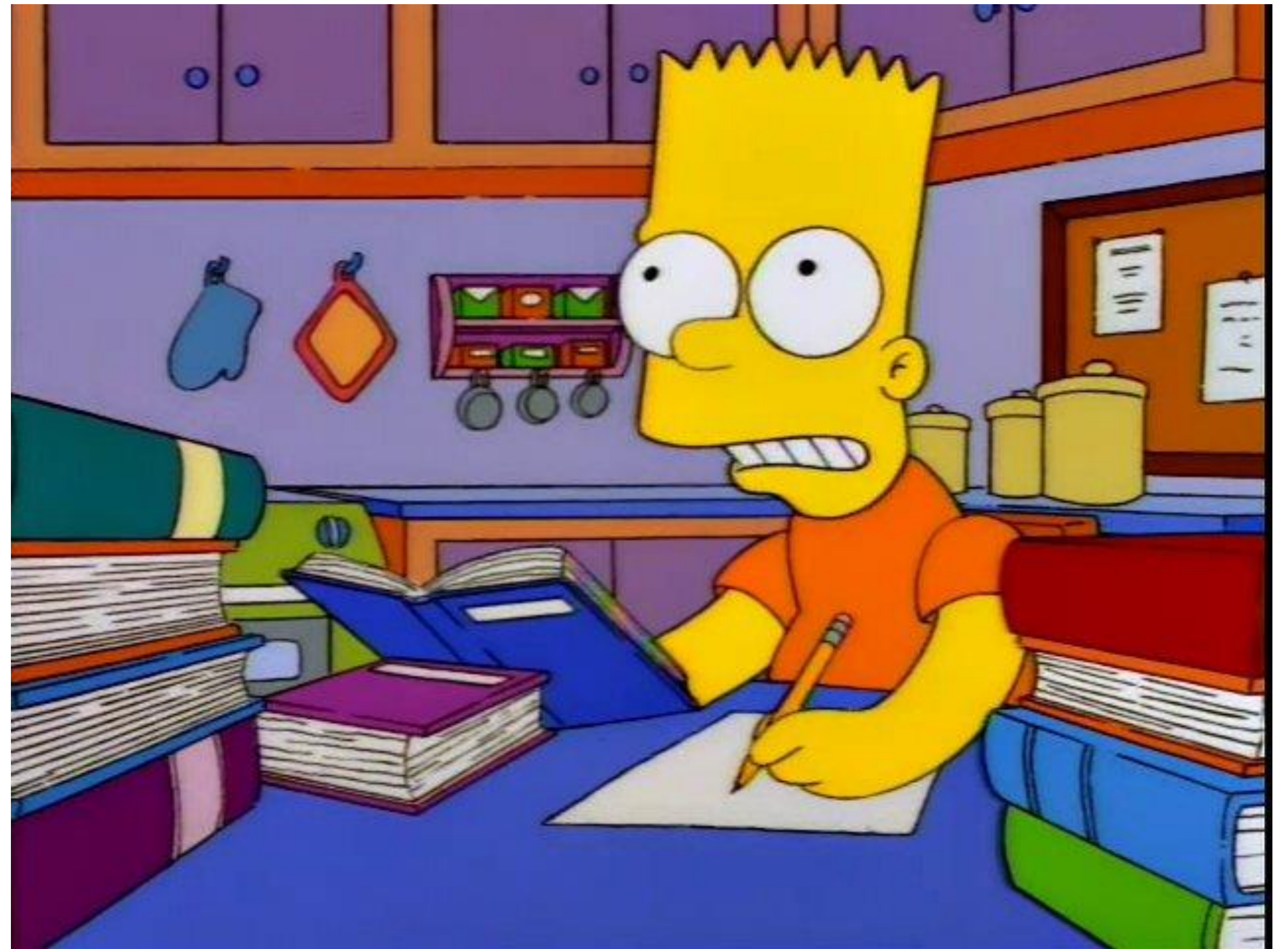
NEW BEGINNINGS

- Password Protect Meeting
- Authenticate Users
- Join Before Host
- Meeting Lockdown
- Turn-off Screen Sharing
- Randomly Generated Meeting ID
- Remove Attendees
- Check for Updates
- Opt-in/out DC regions



OPTIONS APLENTY!

- Google Meet
- Cisco WebEx
- MS Teams
- FaceTime
- BlueJeans
- Signal
- WhatsApp
- Facebook



LEARN FROM FAILING

- Define use cases
- Define threats
- Discussing nuclear launch codes? Colonel's Secret Recipe?
- Align your video conferencing platform with your organizational risk tolerance
- Any tool – as secure as you make it!
- Define your requirements
 - Sedan vs minivan



LINKS & CONTACT INFO

[Securing Zoom](#)

[Video Conferencing DOs and DONTs](#)

[Is Zoom Secure During COVID?](#)

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THANK YOU!

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