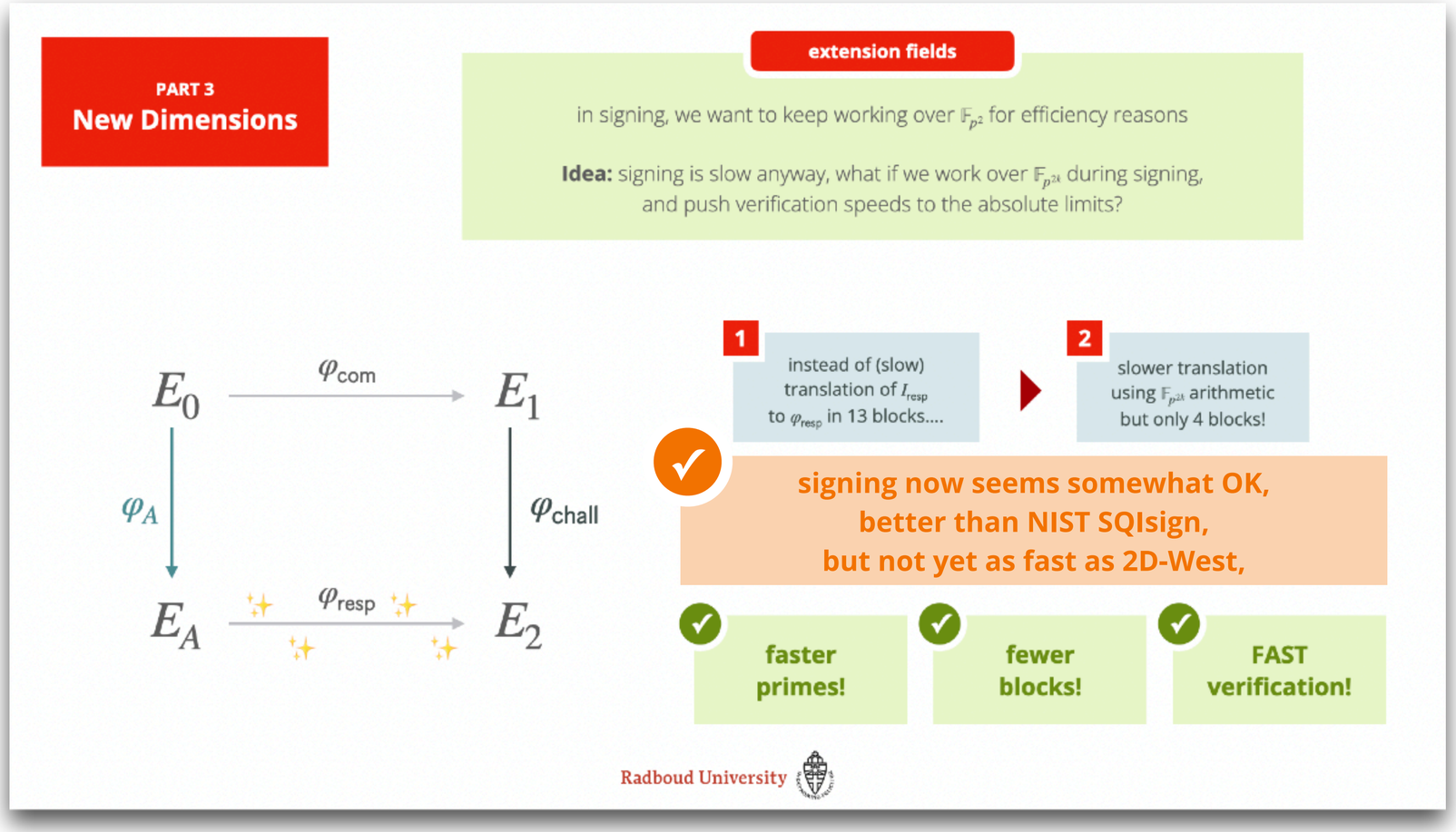
PART 5

# A 1D Miracle?

## Remember this slide?




1

2024/778 shows much more practical signing procedure for 1D using 2D-isogenies 🤯

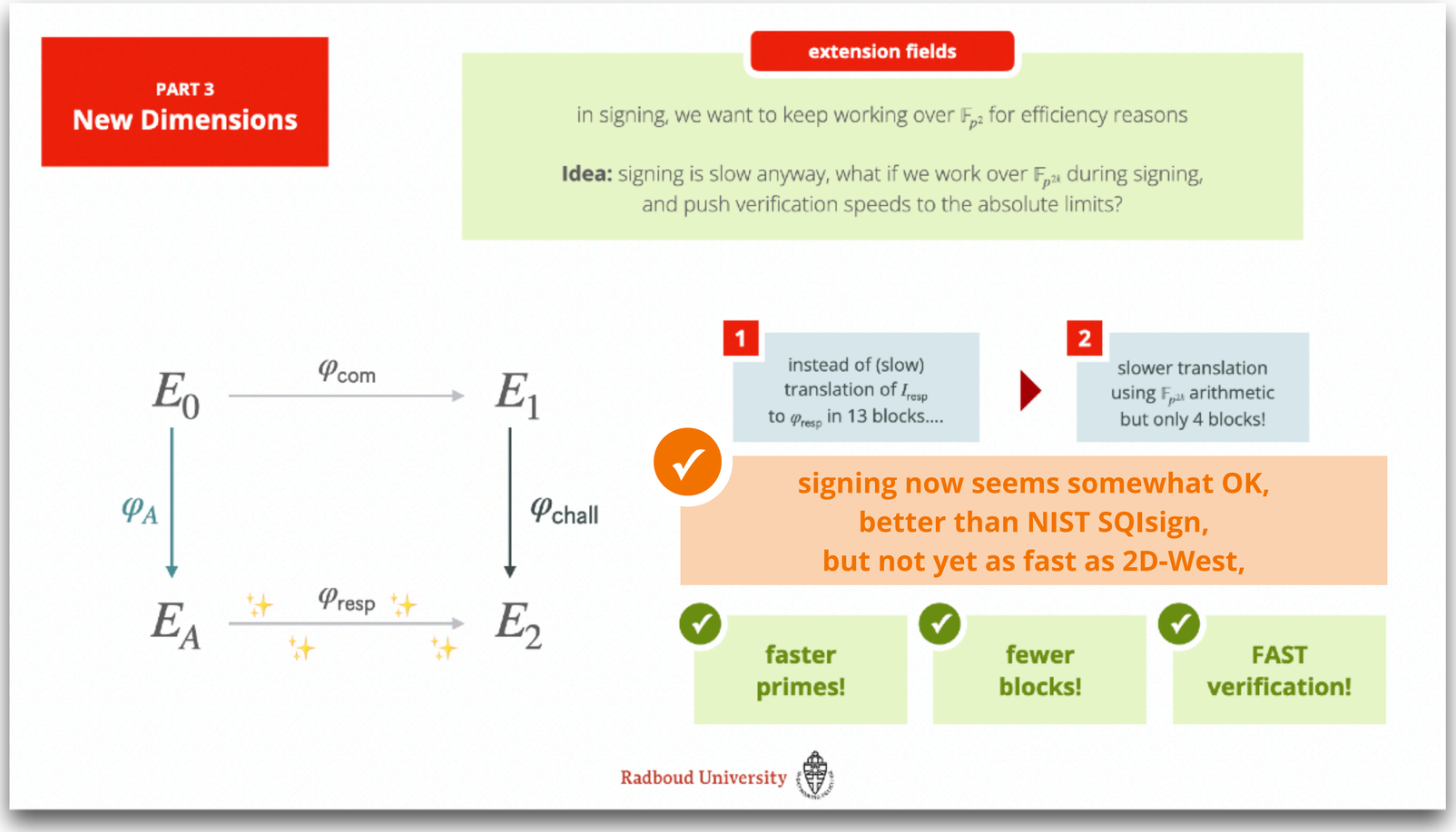


[2024/778]: Hiroshi Onuki, Kohei Nakagawa *"Ideal-to-isogeny algorithm using 2-dimensional isogenies and its application to SQIsign"*

PART 5

# A 1D Miracle?

## Remember this slide?




1

2024/778 shows much more practical signing procedure for 1D using 2D-isogenies 🤯

2

Ongoing work shows highly-optimised verification for 1D verification “very likely” outperforms 2D verification



[2024/778]: Hiroshi Onuki, Kohei Nakagawa *“Ideal-to-isogeny algorithm using 2-dimensional isogenies and its application to SQIsign”*