

Address Translation

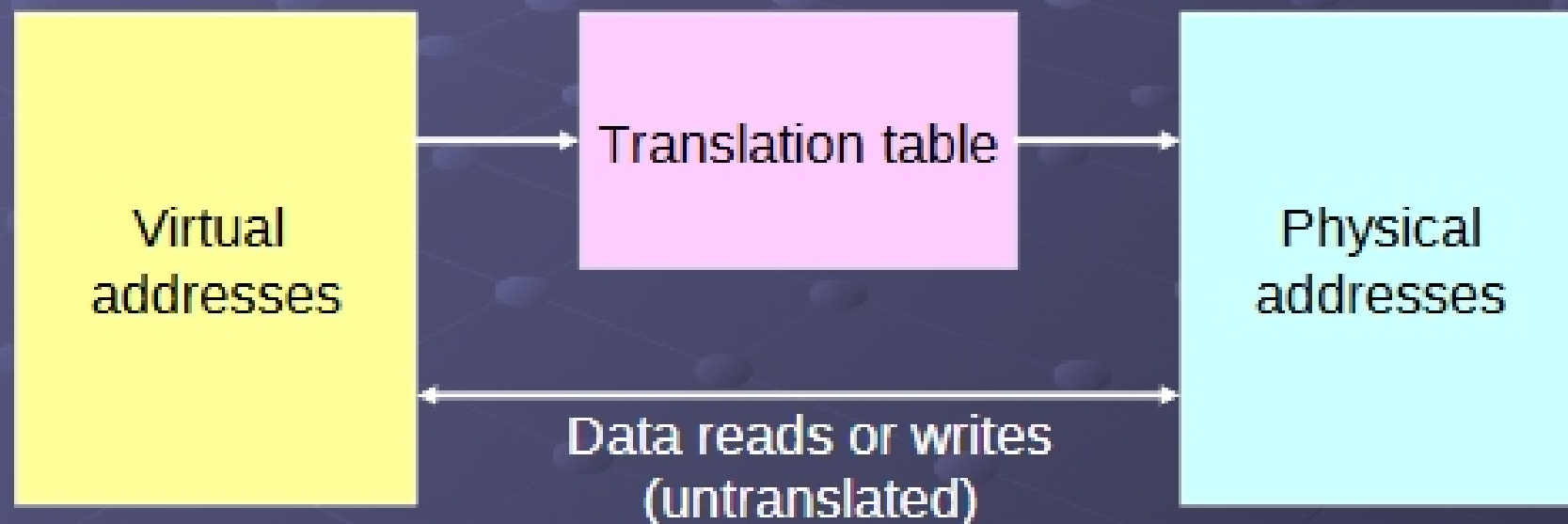
Andy Wang

Operating Systems

COP 4610 / CGS 5765

Recall from Last Time...

- Translation tables are implemented in HW, controlled by SW



This Lecture...

- Different translation schemes
 - Base-and-bound translation
 - Segmentation
 - Paging
 - Multi-level translation
 - Paged page tables
 - Hashed page tables
 - Inverted page tables