

# Intro to graphics applications and Review

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Textbook Chapter 15

Some slides courtesy of M. Kim, KAIST

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## Today

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- Presentation on graphics applications and research (by Shailen Agarwal)
  - Current research, animation, Unreal engine
- Review of transformations and projection

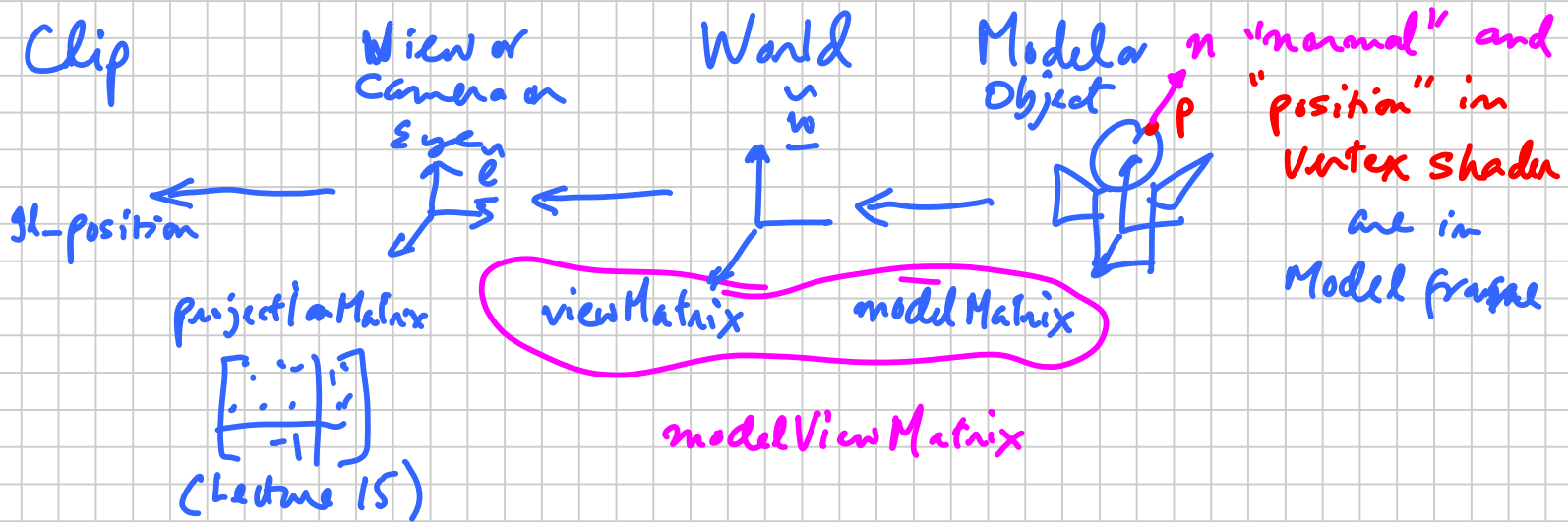
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# Recap

Note Title

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- \* All numbers must be in the same frame
- \* Most important frames



\* Normals transform by  $A^{-T}$  "inverse transpose"

$(\text{modelViewMatrix})_{3 \times 3}^{-T} \equiv \text{normalMatrix}$   
(provided by Three.js)

See L18 notes!

Next class review L15