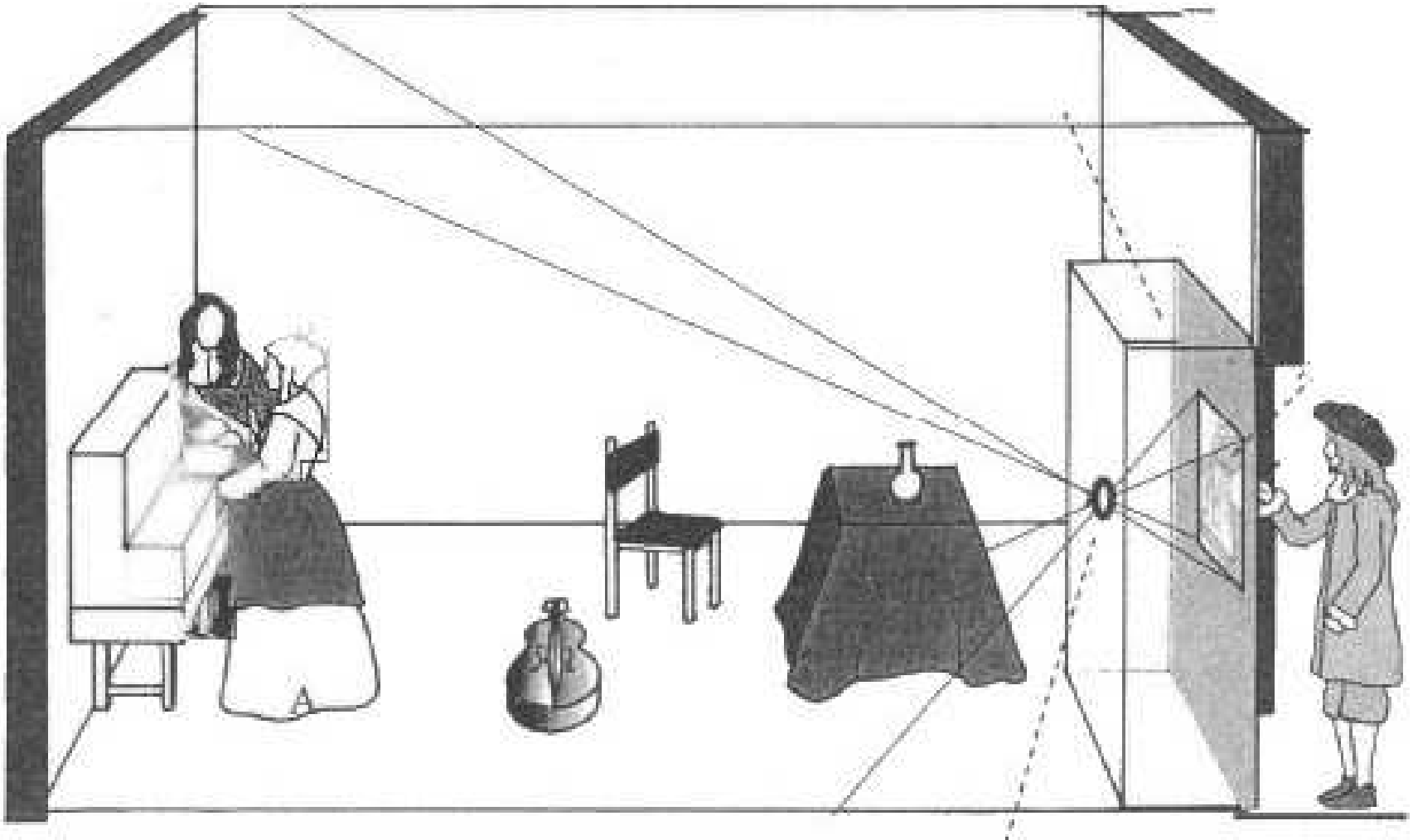
A slight digression...

"The Music Lesson"

Johannes Vermeer

c1665

Vermeer's "Camera"



Why am I telling you this ?

Most text books use the metaphor of a camera

Generate an image by taking a "snapshot" of scene

Problem is that this implies it is all automatic !

But as the programmer, YOU must do a LOT of work

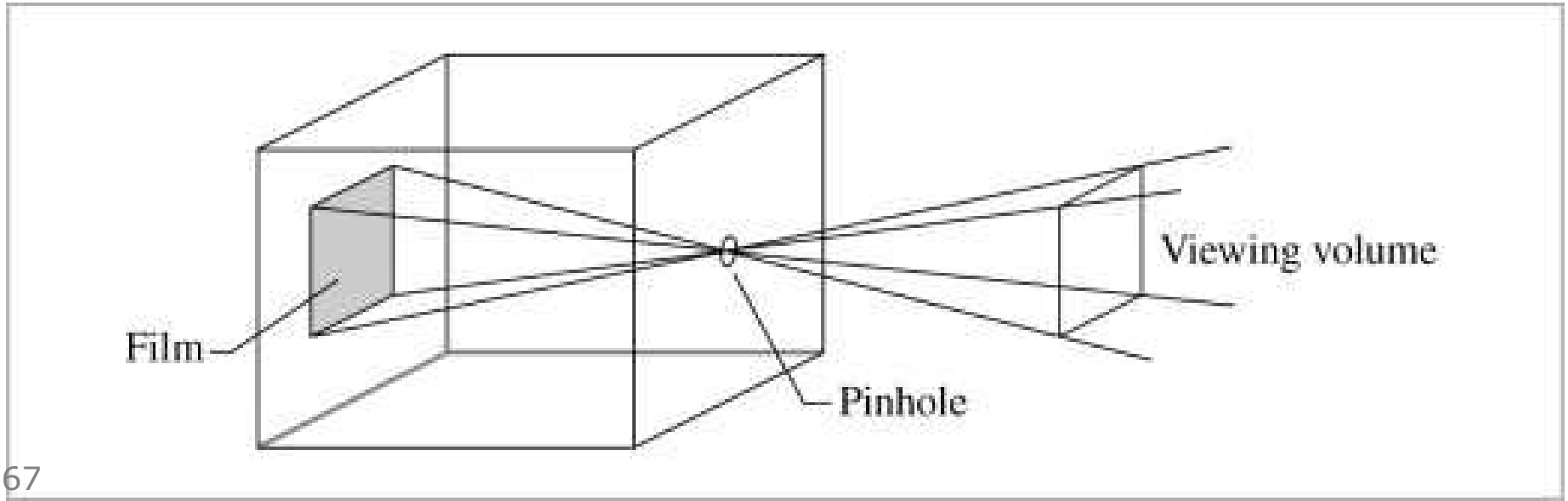
I prefer to think in terms of Vermeer's camera

You are the painter - you have to paint each pixel

Just a Metaphor

Like any metaphor...

There's point where camera metaphor breaks down

Be careful when considering diagrams such as below

The "film" in comp. graphics is in front of pinhole !