

### What Is Gravity?

we're waiting in line  
to see the Leaning Tower  
where science was done

this awesome moment  
absorbing beams of past light  
through wondering eyes

young Galileo's  
hungry mind, too, wondered here:  
"what is gravity?"

compared speed of fall  
of balls of differing mass  
from similar height

is it knowable  
only but through metaphor,  
like, "you've got my back"?



Photo: Pisa, Italy, 17 October 2018. "What is gravity?" is still unanswered. Einstein posited "curved spacetime" (a metaphor) in his 1915 General Theory of Relativity, extending both Galileo's 1591 Pisa experiment and Isaac Newton's classic laws of the 1660's. Physicists currently seek a definitive metaphor for "quantum gravity," the next frontier.

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