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Shifty reflections

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cover: Look closely at this twilight scene along the bank of the Charles River in Cambridge, Massachusetts, and you'll see that something is amiss. The reflected images of the clouds, the trees, and Harvard University's Eliot House clock tower are shifted out of place. Those abnormalities are the result of digital alteration, but a team of Harvard researchers has demonstrated how plasmonic antennas can be used to achieve the same effect in real life. See [page 12](#) to learn more about how the researchers are rewriting the laws of reflection and refraction. (Image courtesy of Nanfang Yu.)