



[ photographic thinking ]  
{ version actual fact.0 }

*Photography is the process of rendering observation self-conscious.*

John Berger

*Every photograph is in fact a means of testing, confirming and constructing a total view of reality. Hence the crucial role of photography in ideological struggle. Hence the necessity of our understanding a weapon which we can use and which can be used against us.*

John Berger

essay: Understanding a Photograph

year: 1972



**Nikon FM10**









# Bolex H16









# Canon Mark III







WB AF DRIVE





# Rioch Theta S





*I'm not on the outside looking in.  
I'm not on the inside looking out.  
I'm in the dead ducking center looking around.*

Kendrick Lamar

track: Ab-Soles Outro

album: Section.80

year: 2011



Artists

Kendrick Lamar

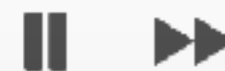
Shuffle All



good kid, m.A.A.d city  
Kendrick Lamar



m.A.A.d city



Library



For You



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Radio



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GOOD. KID. MAAD. CITY  
A SHORT FILM  
BY: KENDRICK  
LARRAR

PARENTAL  
ADVISORY  
EXPLICIT CONTENT



*We are our tools.*

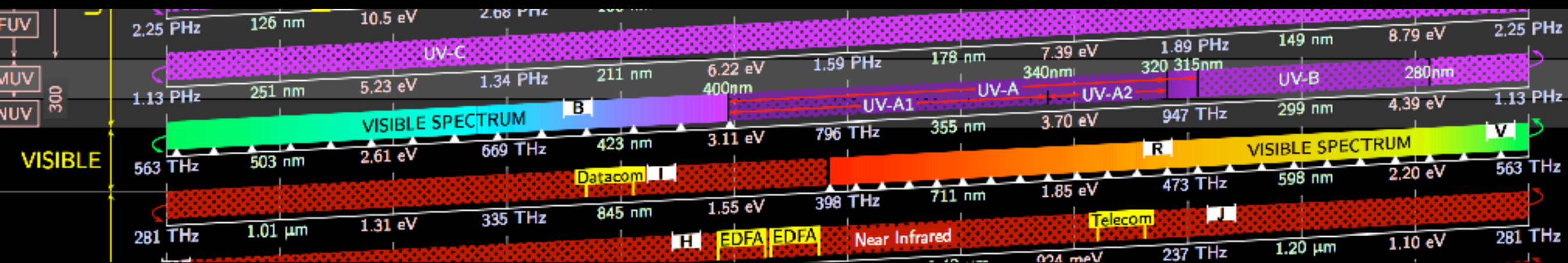
danah boyd

essay: [Social Privacy in Networked Places](#)

year: 2011



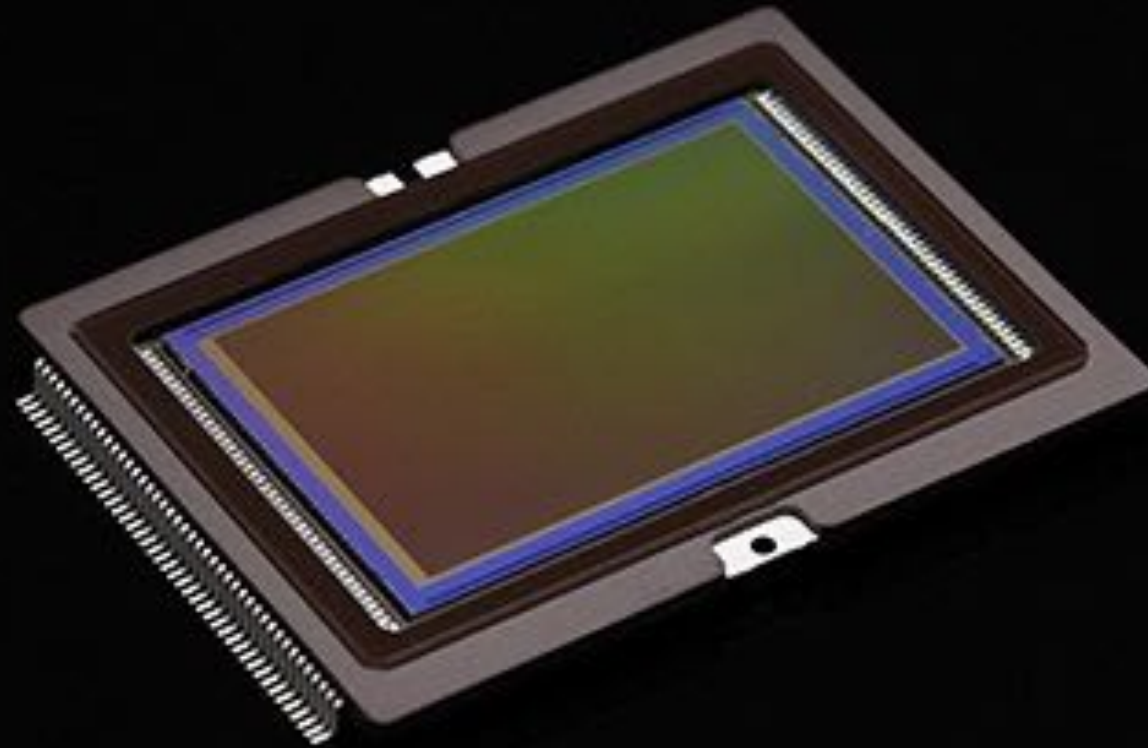




= stop

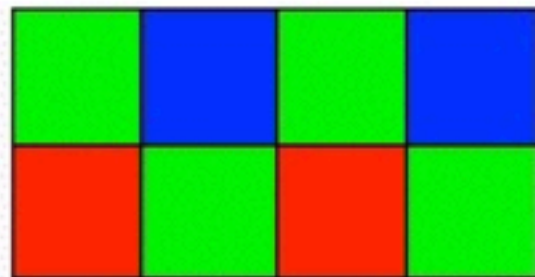
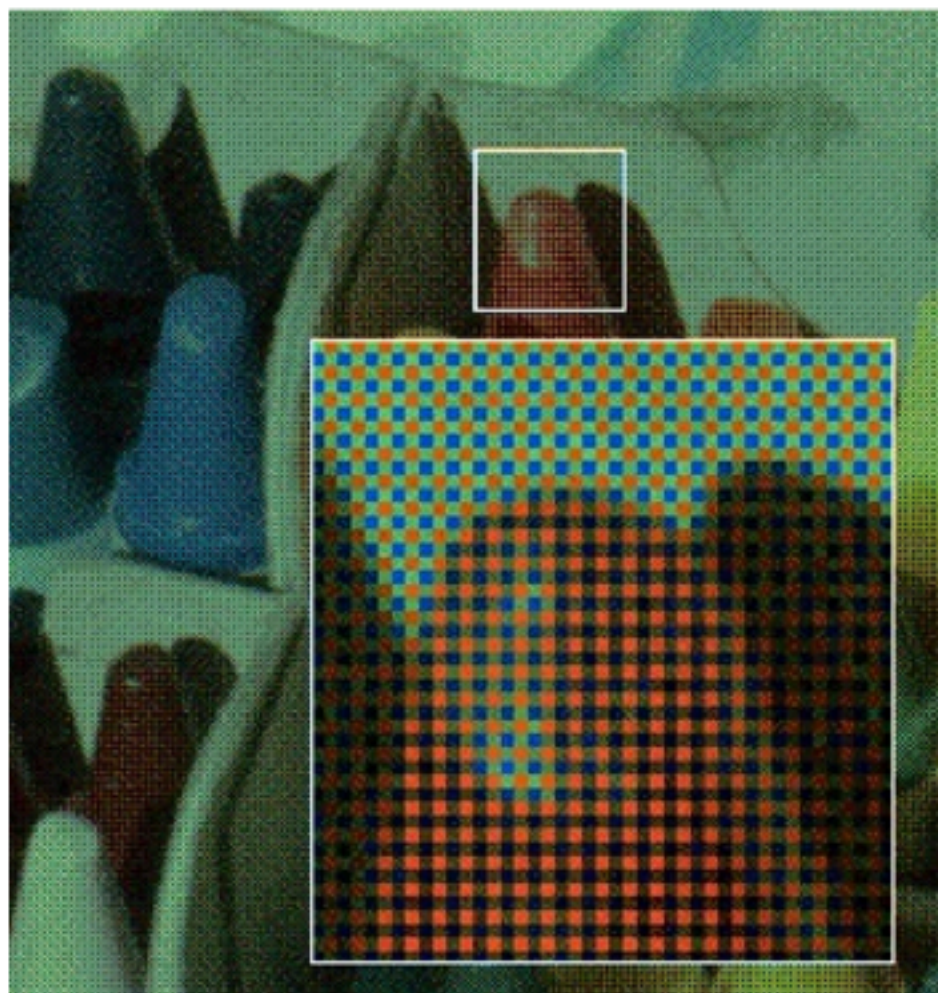


= go



CCD Sensor



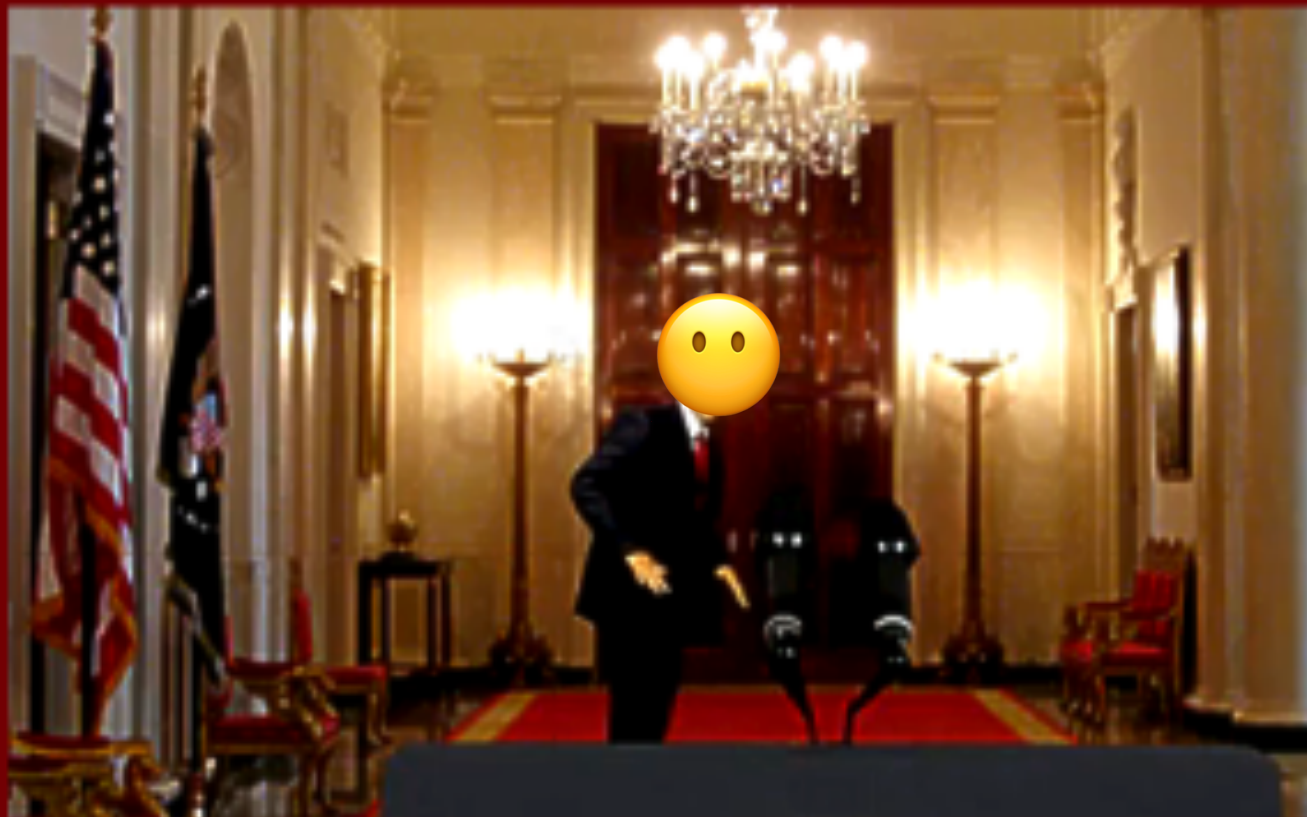


The sensors are capable of only seeing gray values. The better sensors see them at 12bit (or more) bit depth, or in 4096 (more) shades of gray.

How does this translate into an RGB image? "On top of the CCD's array of pixels (also called photo sites) is fixed a colored filter which has millions of little colored cells, each aligned with a single CCD pixel. In most cameras these filters are arranged in alternating rows, every other row with the filter colors (Red, Green, Red, Green, Red, ...), and the remaining rows as (Green, Blue, Green, Blue, Green, ...). Green appears twice as often because our eyes are most sensitive to differences in green for the detail in images" (from an article by Daniel Stephens).

there are twice as many g pixels, than r or b

notes: Eric Rosenthal



[https://en.wikipedia.org/wiki/Chroma\\_key](https://en.wikipedia.org/wiki/Chroma_key)





*The Perfect Weapon: How Russian Cyberpower Invaded the U.S.*

The New York Times, December 13, 2016

But Russia has by no means forgotten its American target. On the day after the presidential election, the cybersecurity company Volexity [reported](#) five new waves of phishing emails, evidently from Cozy Bear, aimed at think tanks and nonprofits in the United States.

3432  
COMMENTS

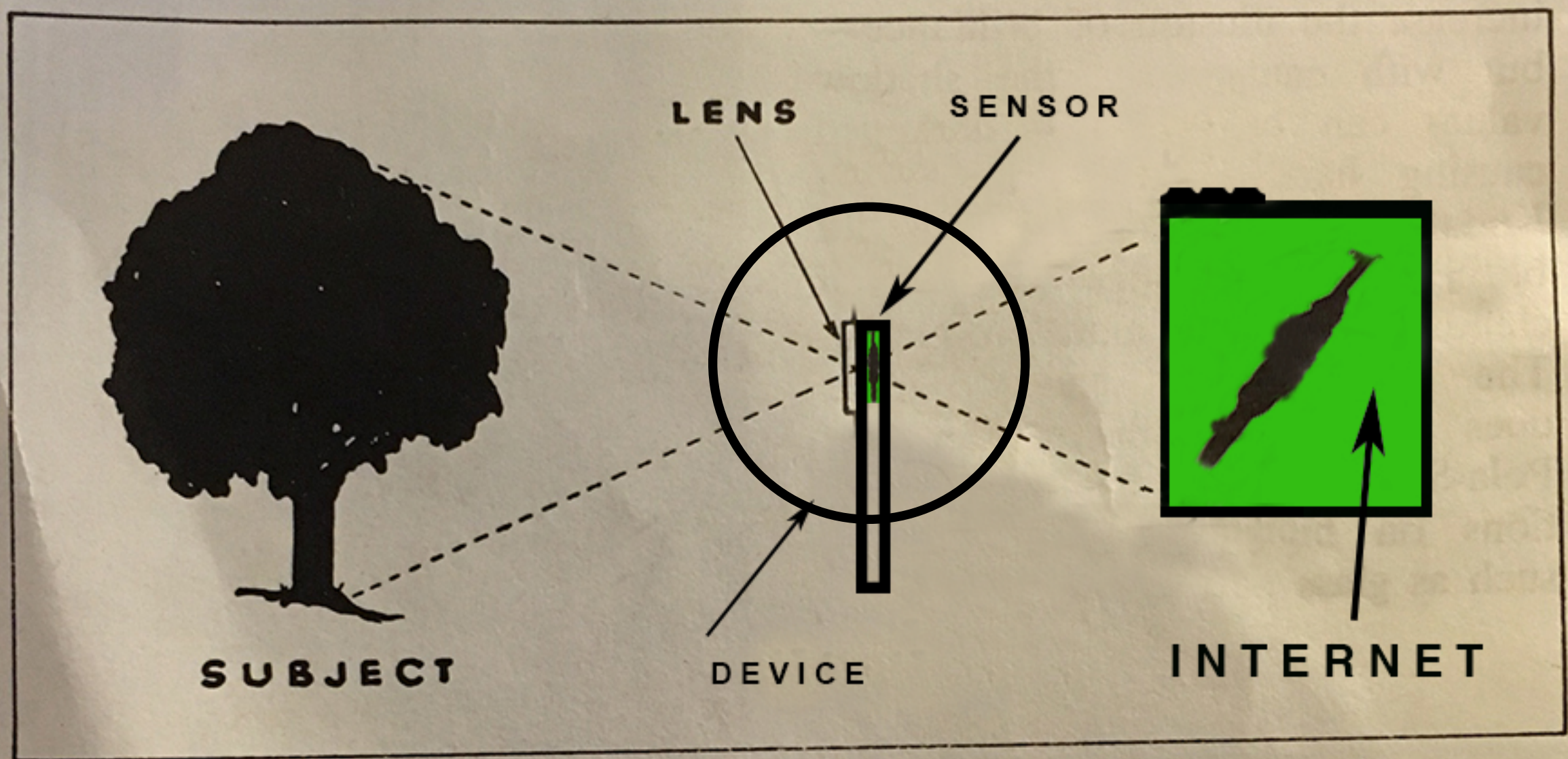
One of them purported to be from Harvard University, attaching a fake paper. Its title: “Why American Elections Are Flawed.”

### ***Correction: December 13, 2016***

*Editors’ Note: An earlier version of the main photograph with this article, of a filing cabinet and computer at the Democratic National Committee headquarters, should not have been published. The photographer had removed a framed image from the wall over the filing cabinet — showing a Washington Post Watergate front page — because it was causing glare with the lighting. The new version shows the scene as it normally appears, with the framed newspaper page in place.*



“There shouldn’t be any doubt in anybody’s mind,” Adm. Michael S. Rogers, the director of the National Security Agency and commander of United States Cyber Command said at a postelection conference. “This was not something that was done casually, this was not something that was done by chance, this was not a target that was selected purely arbitrarily,” he said. “This was a conscious effort by a nation-state to attempt to achieve a specific effect.”



*This diagram illustrates how the camera lens collects the rays of light reflected from the subject and projects an inverted image onto **reality**.*



*Stole from me, lied to me, nation hypocrisy  
Code on me, drive on me  
Wicked, my spirit inspired me  
Like yeah, open correctional gates in higher desert  
Yeah, open our minds as we cast away oppression  
Yeah, open the streets and watch our beliefs  
And when they carve my name inside the concrete  
I pray it forever reads*

Kendrick Lamar

track: Freedom w/ Beyonce  
album: Lemonade  
year: 2016

nxt steps:  
write/think about the internet as  
immediate (realtime) moments of social  
encoding, participation



technology, visibility & power  
or something