PHOTO: Past, Present and Future

An overview of mobile pictures



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Distinctive characteristics between Japanese and American cell phone use:

More email (including pictures and videos) than voice calls



(Kato, Okabe, Ito, & Uemoto, 2005)

Some history / statistics on the keitai camera:



Operators:	2003	2004
J-phone (2000)	8 million	¼ of the Japanese population had camera-phones. - 60% of all Keitai are camera phones (75 million subscribers)
KDDI	~ 3 million	
NTT DoCoMo	5 million	

Use patterns

1. Taking photos

What types of photographs do you take with your camera phone?

- My own face / friends' faces (50%)
- Scenery, my child(ren), my pets





Purpose of taking pictures:

memory

↓

everyday commentary

(Okabe and Ito, 2003)



Purpose of taking pictures:

- Everyday life commentary (Okabe & Ito, 2003; Koskinen et. al., 2002)
- Create sociability (Koskinen et. al., 2002)
- Visual co-presence (Okabe & Ito, 2003)


ぼくたちは、
もう、
そばにいる。
Jメール
会いたい。すっごく。
J-PHONE
J-PHONE
vodafone


ぼくたちは、
もう、
そばにいる。
写メール
飛んでいきたい
J-PHONE
J-PHONE
vodafone

Use patterns

2. Sharing and sending photos

What do you do with the picture you take with your cell phone?

- 90% view them on the cell phone screen (less intimate)
- 60% use them as wall paper
- 50% email (intimate communities)
- 35% upload them to a PC



Emergent social and cultural dynamics

Small scale photographs

Will pictures taken with a cell phone transform our way of seeing the world?



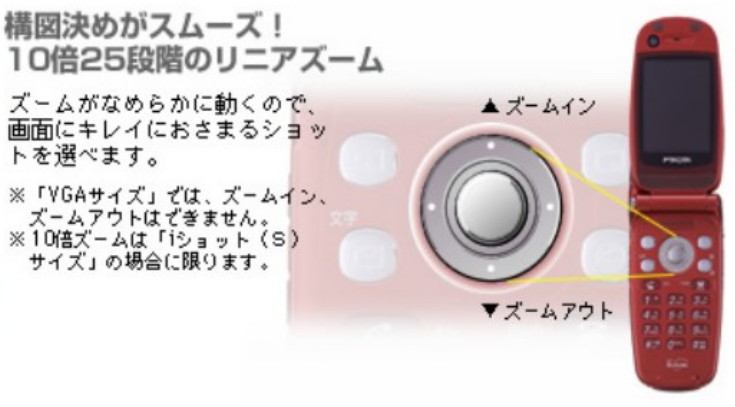
Emergent social and cultural dynamics

Small scale photographs

Do messages have a different meaning when transmitted via the cell phone?

Nokia ad







Will cell phones change gestures?



Will cell phones change gestures?



Movie AU

Emergent social and cultural dynamics

Small scale photographs

How will camera phones influence journalism?

Emergent social and cultural dynamics

A. Small scale photographs

How will camera phones influence journalism?

QuickTime™ and a
decompressor
are needed to see this picture.

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Samsung's SCH-B600 10 megapixel cameraphone

Emergent social and cultural dynamics

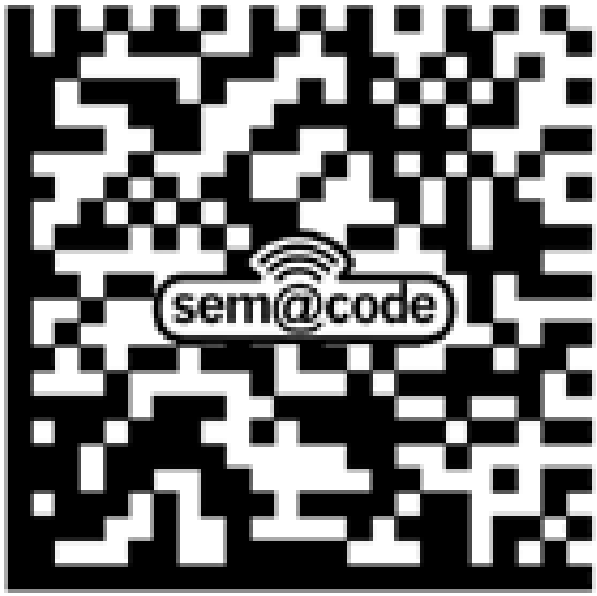
What are some possible future uses for camera phones?



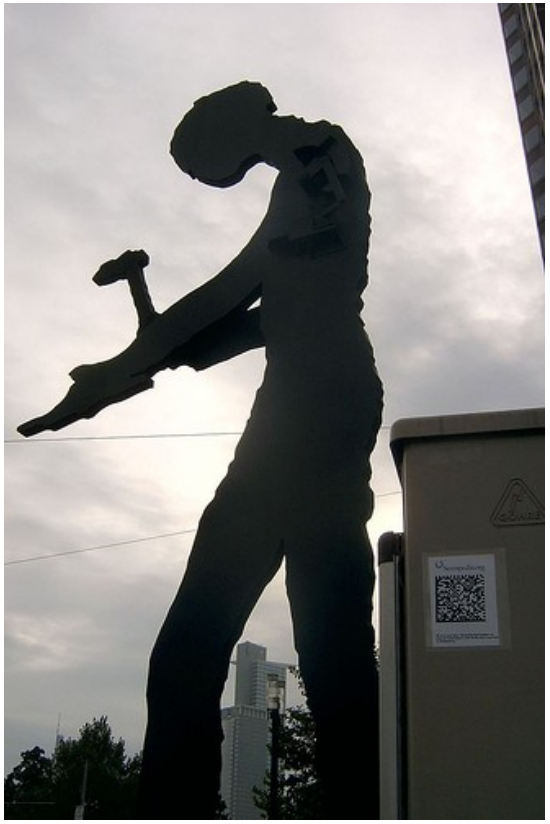
QuickTime™ and a
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Semacode (Canada, 2003)

- Embeds URLs to physical objects)



Semapedia

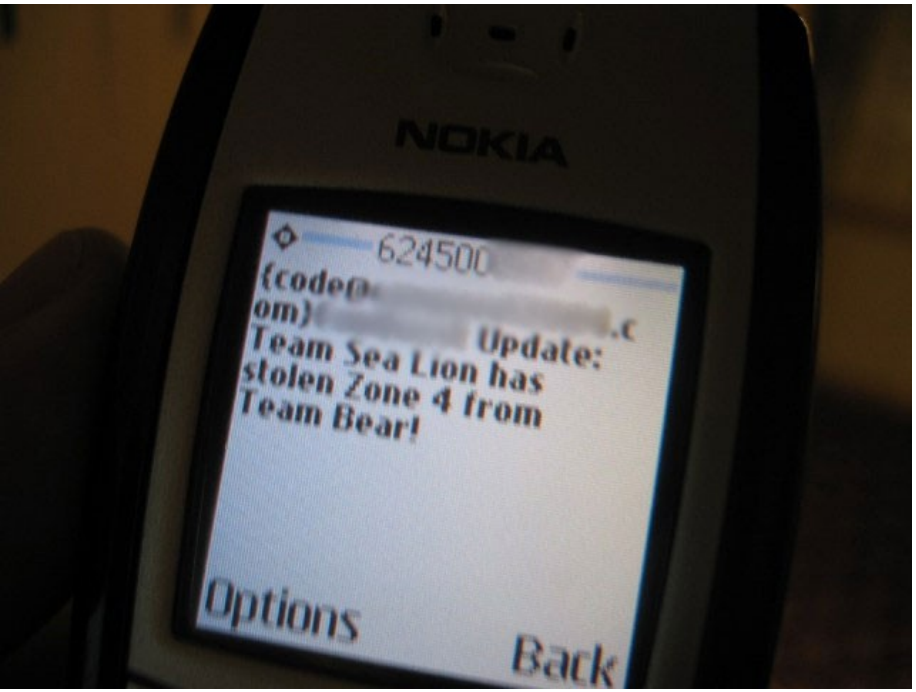


What happens when the physical world becomes browsable and clickable? (Rheingold, 2002)

Semacode (Canada, 2003)

- Embeds URLs to physical objects)

Conqwest, urban game





Translator (KDDI, Japan)





Regulation (privacy / surveillance)

Cell phone camera etiquette

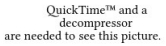
Taking pictures of books and copyright laws

In which situations cell phone cameras should not be permitted?

(clear shutter sound)

Regulation (privacy / surveillance)

Sousveillance? (Mann)



How will video phone change intimate relationships?

Motorola ad