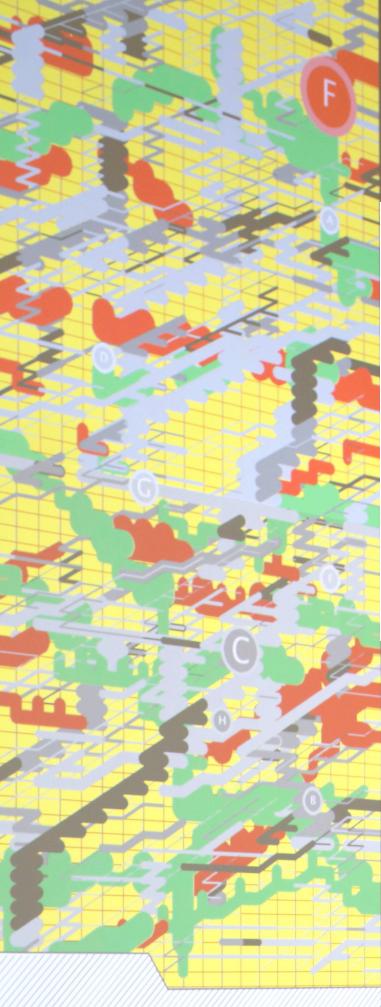


# sensuous transforming of 0 | 1 signal

Media Art as an Awareness Filter, NTT ICC, Japan

PROTOROOM  
ModularCulture & Tech



## 'sensuous transforming of 0 | 1 signal'

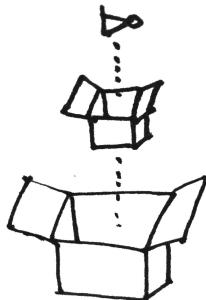
is an installation work that allows construction of kits  
that allow experience and contemplation on the elements of computing  
while converting and transforming the 0,1 bits into different layers  
through workshop and exhibition.



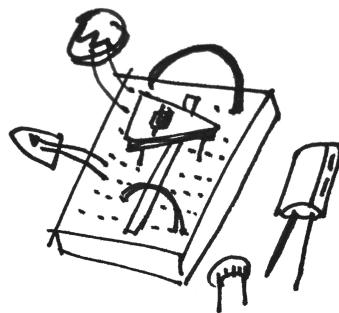
Photo: KIOKU Keizo, NTT ICC

## **'sensuous transforming of 0 | 1 signal'**

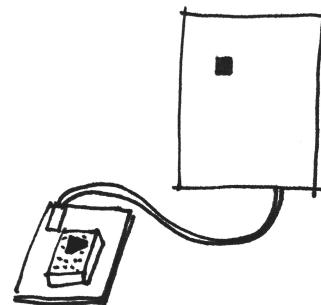
is an installation work that allows construction of kits  
that allow experience and contemplation on the elements of computing  
while converting and transforming the 0,1 bits into different layers  
through workshop and exhibition.



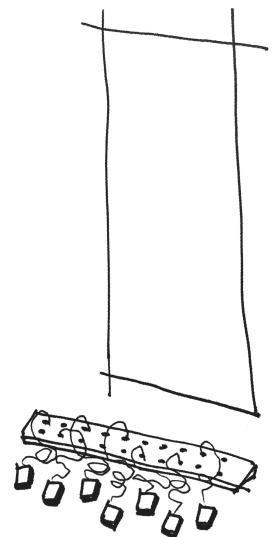
Unboxing



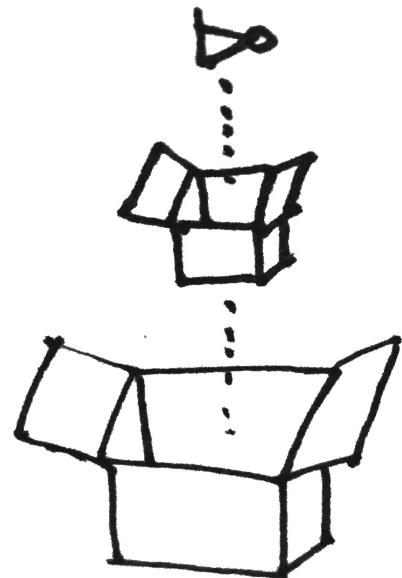
Decoding



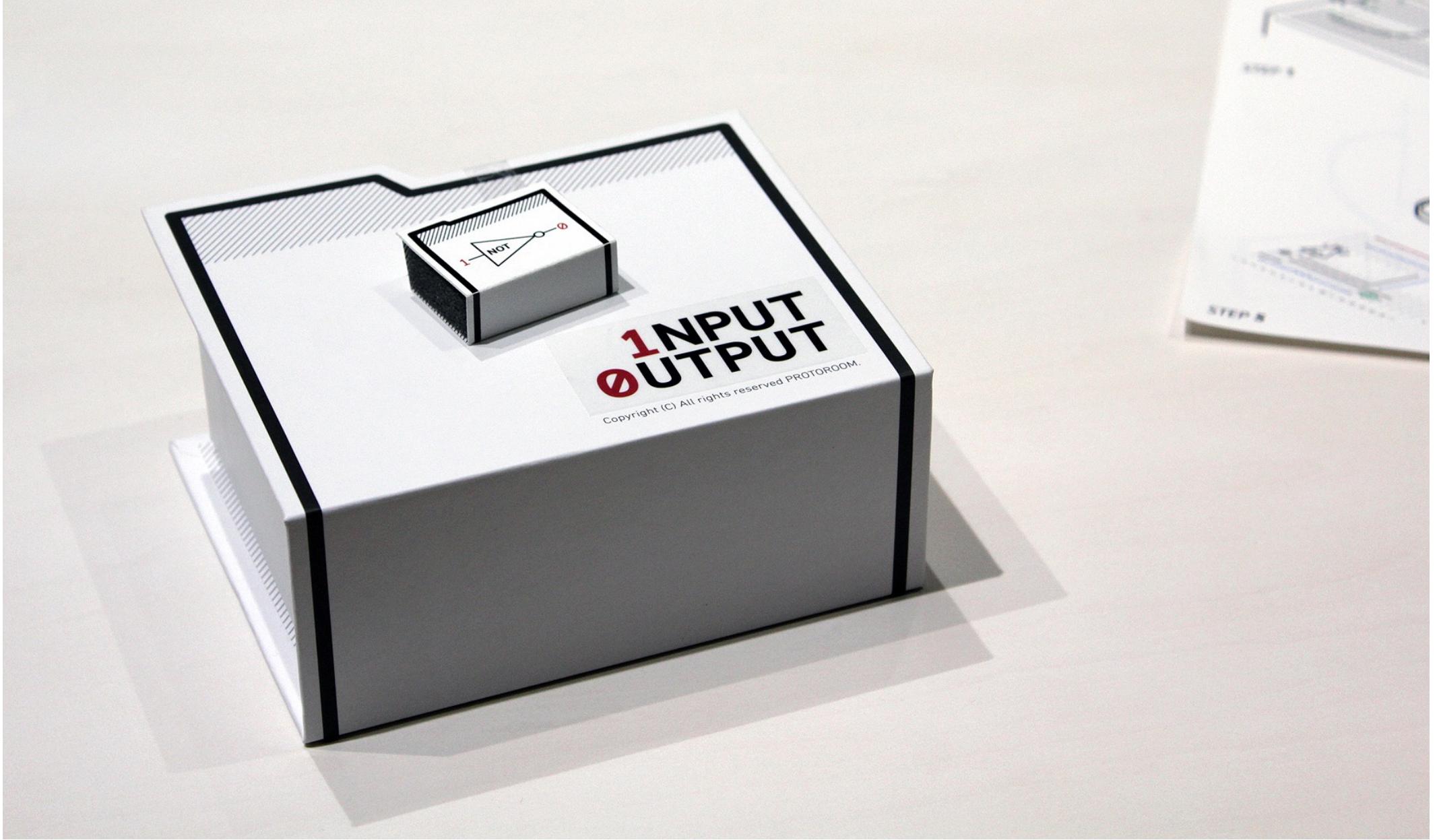
Transforming



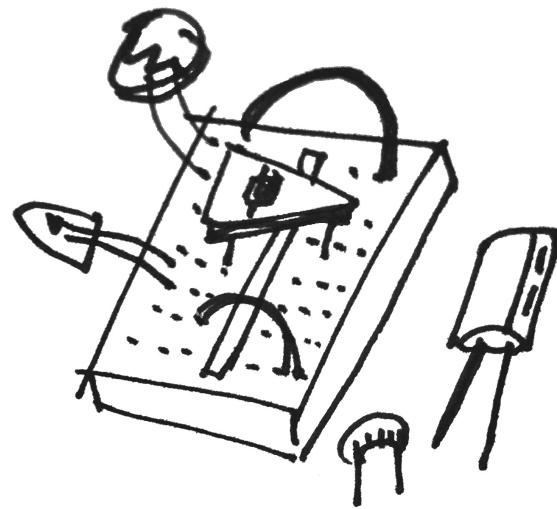
Piling up



# Unboxing



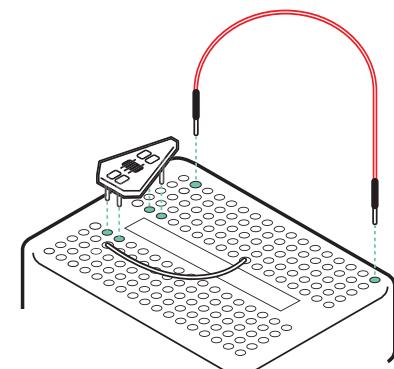
The participant unboxes the conceptually encoded kit.



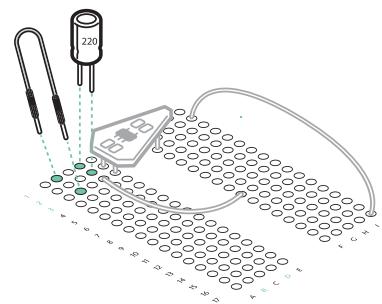
Decoding

# 何かを気づくマニュアル

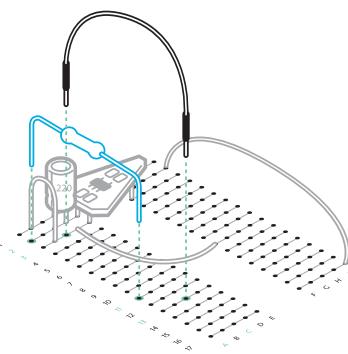
Manual for Awareness



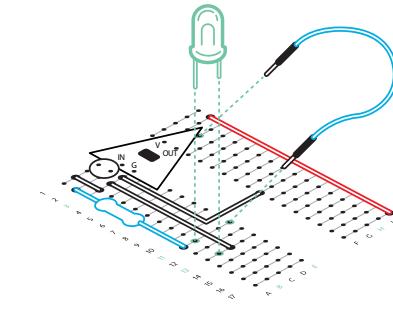
STEP 1



STEP 2



STEP 3



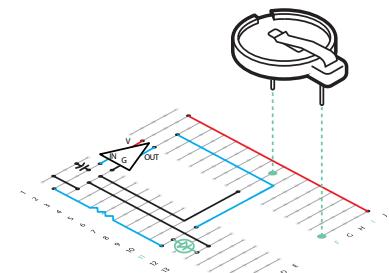
STEP 4

気づき

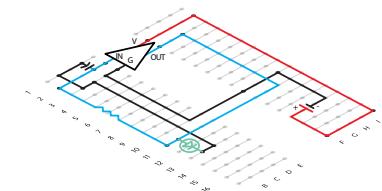
#入力の変身  
#input transformation

気づき

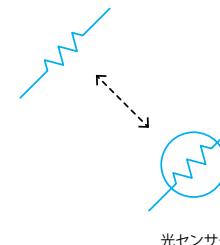
#出力の変身  
#output transformation



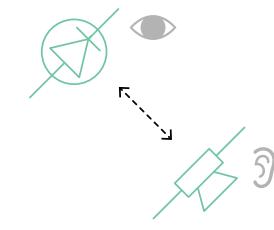
STEP 5



STEP 6



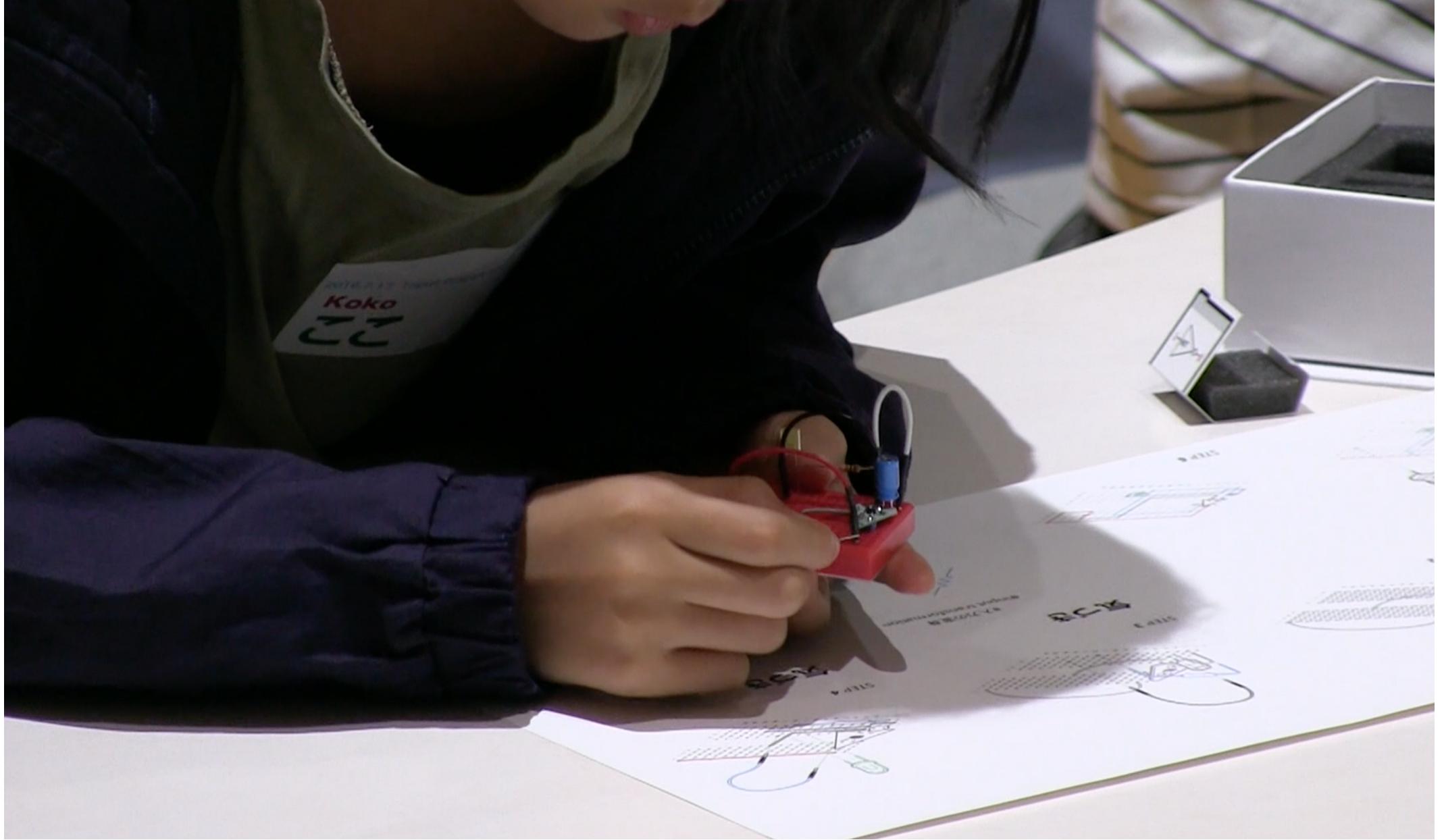
光センサー



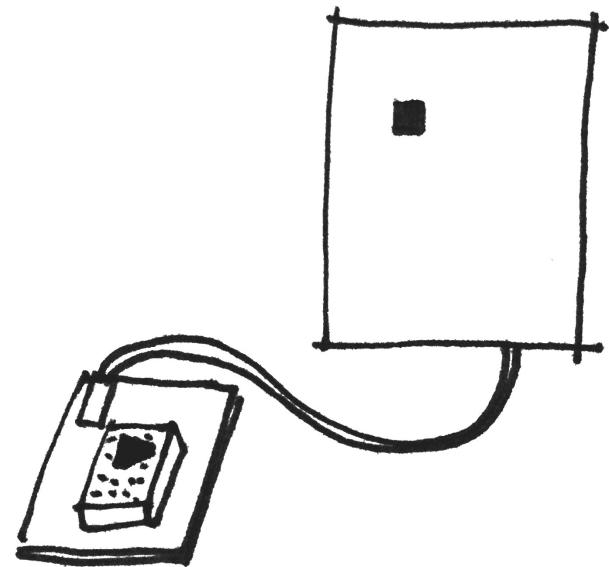
スピーカー

ENCODED BY PROTOROOM

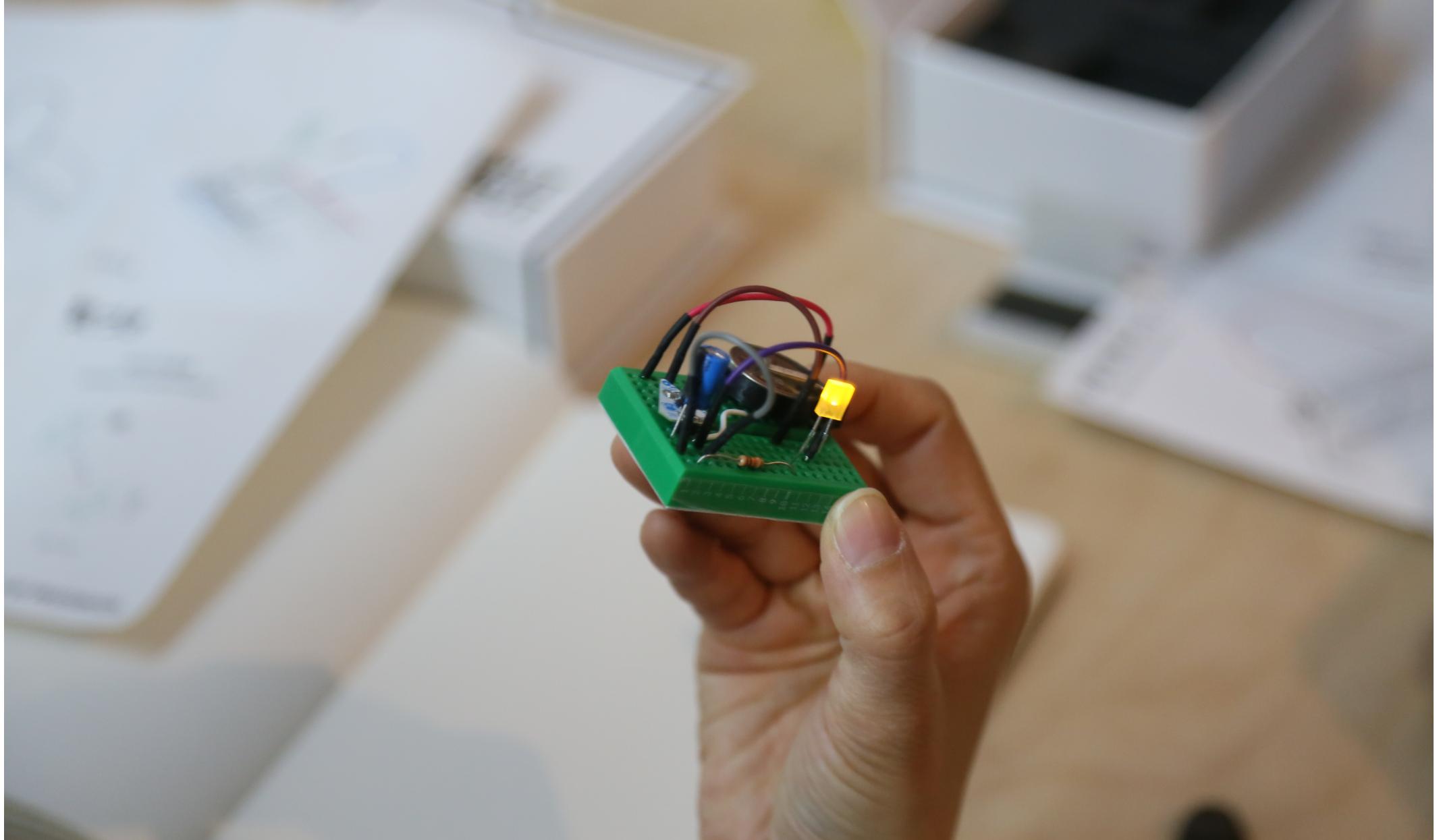
The manual is a formal language for decoding concepts.



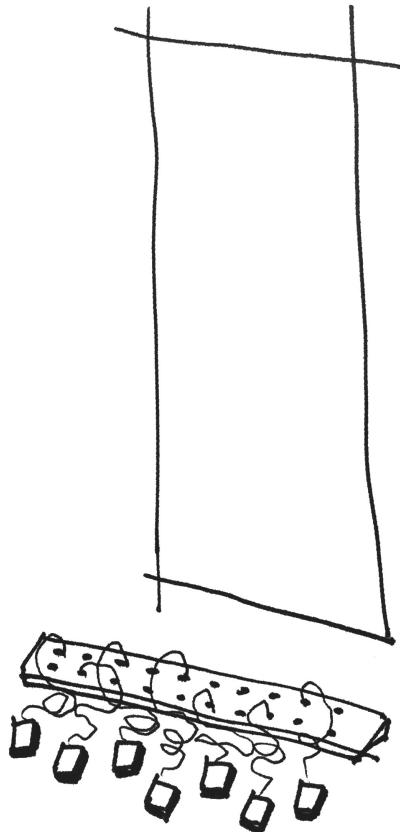
Assembly starting with observation is the process of decoding.



Transforming



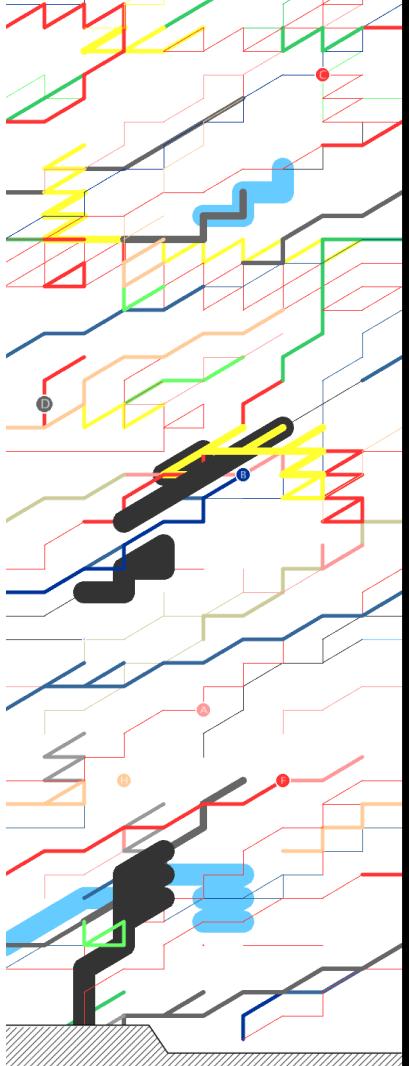
0 | 1 bit, the atomic being of computing,  
is sensuously understood by being transformed into light and sound.



Piling up



The bits are gathered to interact as part of the environment.



```

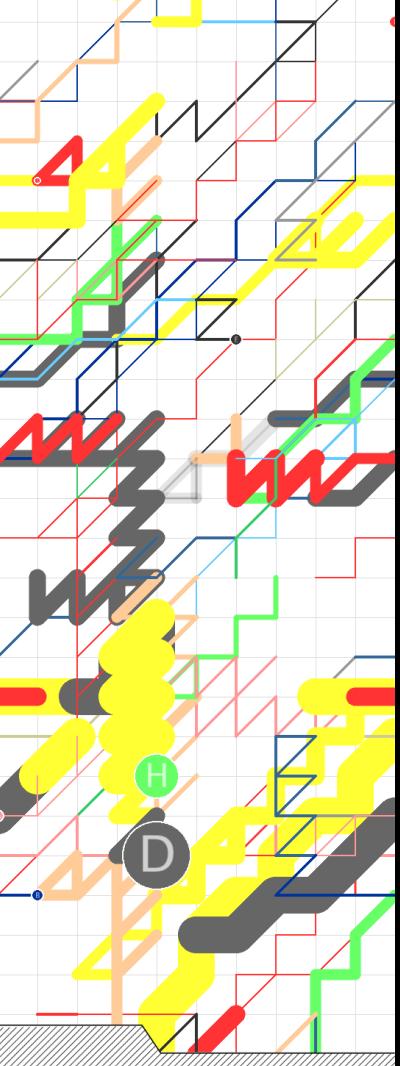
TABLE_A
|.筆下(0),大筆(1),左下(0),左(0),上(1),下(1),黃(0),赤(0);  

TABLE_B
|.筆下(1),大筆(1),左下(0),右(1),上(1),右上(1),青(0),青(1);  

TABLE_C
|.筆下(0),大筆(1),左下(1),右(1),上(0),右上(0),黃(0),赤(1);  

TABLE_D
|.筆下(0),大筆(0),左下(0),右(0),上(1),右上(0),黃(1),黑(1);  


```



```

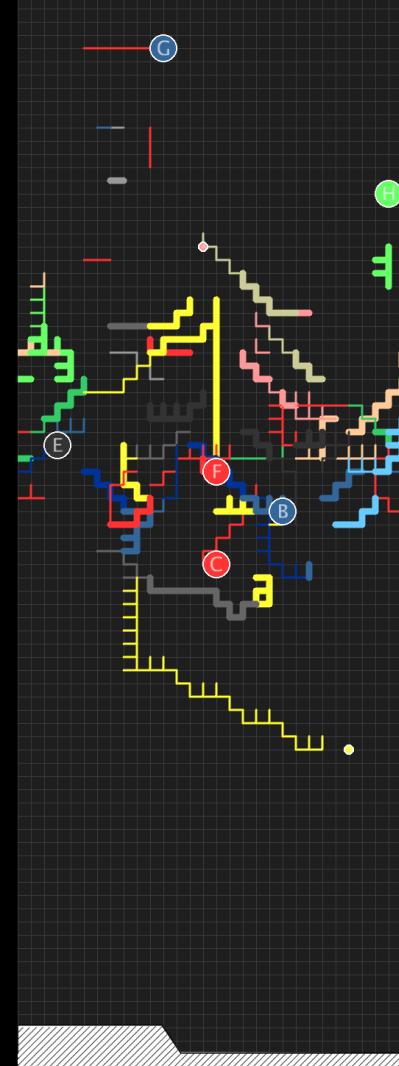
TABLE_A
|.筆下(0),大筆(1),左下(0),左(0),上(1),下(0),黃(0),赤(1);  

TABLE_B
|.筆下(1),大筆(1),左下(0),右(1),上(0),右上(0),青(1),青(1);  

TABLE_C
|.筆下(0),大筆(0),左下(1),右(1),上(1),右上(1),黃(1),赤(0);  

TABLE_D
|.筆下(1),大筆(0),左下(1),右(0),上(0),右上(0),黃(0),黑(1);  


```



```

TABLE_A
|.筆下(0),大筆(0),左下(0),左(0),右(1),上(1),下(1),黃(0),赤(1);  

TABLE_B
|.筆下(1),大筆(1),左下(0),右(0),右(1),上(1),下(1),青(1),青(0);  

TABLE_C
|.筆下(0),大筆(0),左下(0),右(1),左(1),右(0),上(0),下(1),黃(1),赤(1);  

TABLE_D
|.筆下(1),大筆(0),左下(0),右(0),左(1),右(1),上(1),下(1),黃(1),黑(0);  


```



```

TABLE_A
|.筆下(0),大筆(1),左下(0),左(0),上(0),下(1),黃(1),赤(0);  

TABLE_B
|.筆下(1),大筆(1),左下(0),右(1),左(1),上(1),右上(1),青(1),青(0);  

TABLE_C
|.筆下(0),大筆(0),左下(0),右(0),上(1),右(1),上(0),右上(1),黃(1),赤(1);  

TABLE_D
|.筆下(1),大筆(0),左下(0),右(0),右(1),上(1),右上(1),黃(1),黑(1);  


```

0 | 1 signal takes command, piled up into complexity.  
The nature of digital world.



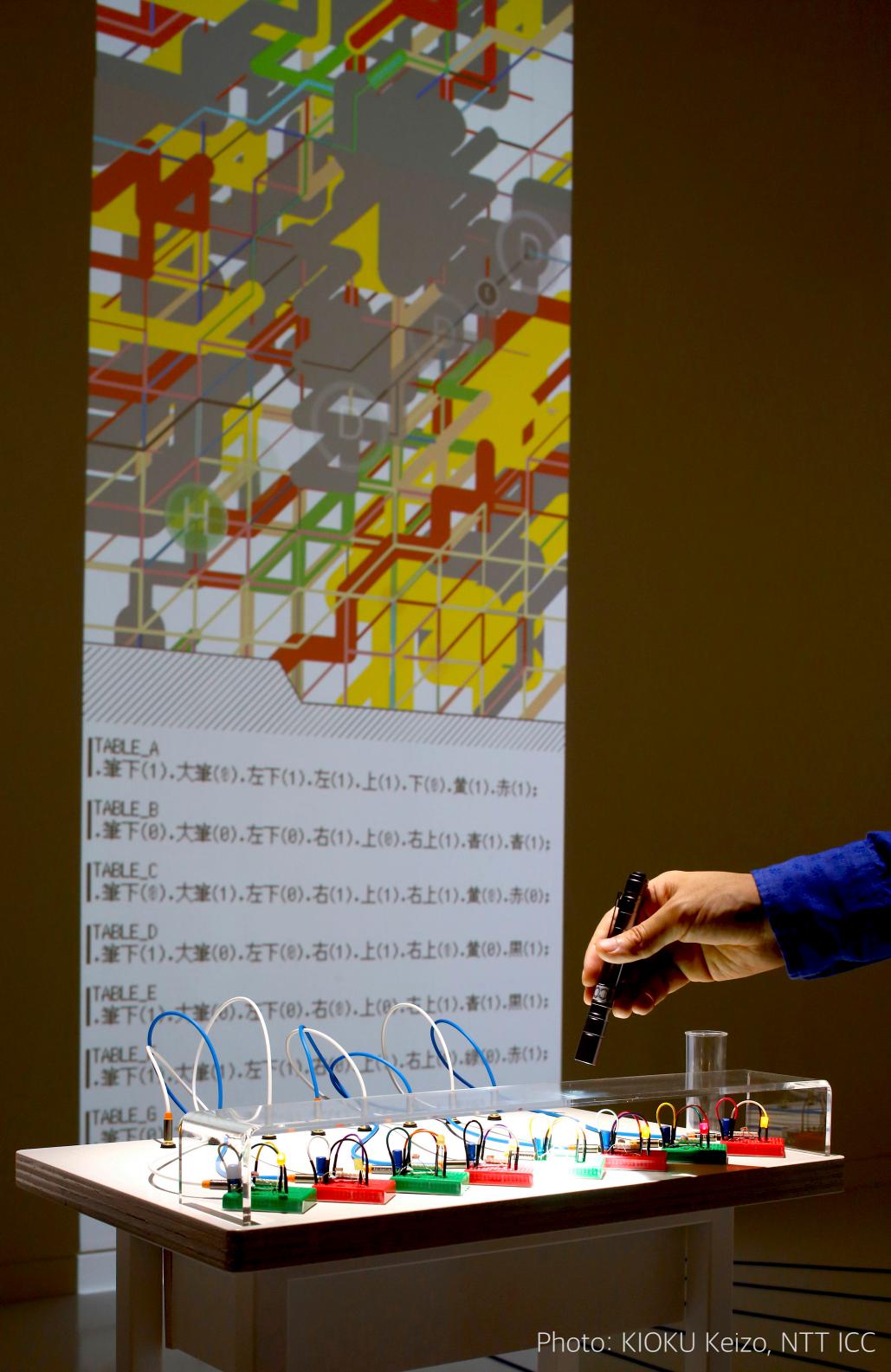


Photo: KIOKU Keizo, NTT ICC



Photo: KIOKU Keizo, NTT ICC

# PROTOROOM

ModularCulture & Tech

**PROTOROOM** is a meta media collective with a creative practice based on the technological medium of KIT. KIT is a meta-medium, leading sensual and cogitative experiences as a mediator of opportunities for discourse and contemplation on technology which has become an undeniable part of ecology. Under the title **<Tech x Kit x Critic>** evolved series of works in the forms of exhibitions and workshops. The collective has been run by **Hoonida Kim** and **Seungbum Kim** since 2014. Recently, they participated with a exhibition X workshop in Japan at NTT InterCommunication Center [ICC] ‘Media Art as an Awareness Filer’ in 2016 and Nam June Paik Art Center’s exhibition. “Our Bright Future - Cybernetics Fantasy”.

[protoroom.kr](http://protoroom.kr) :: [protoroom@gmail.com](mailto:protoroom@gmail.com)