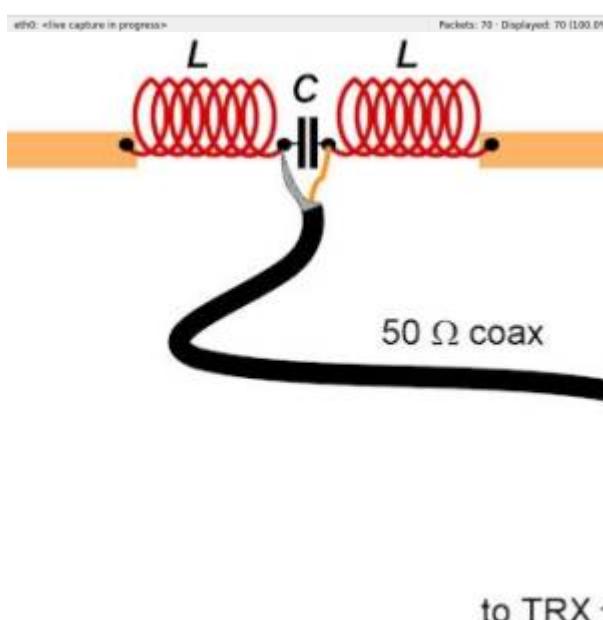
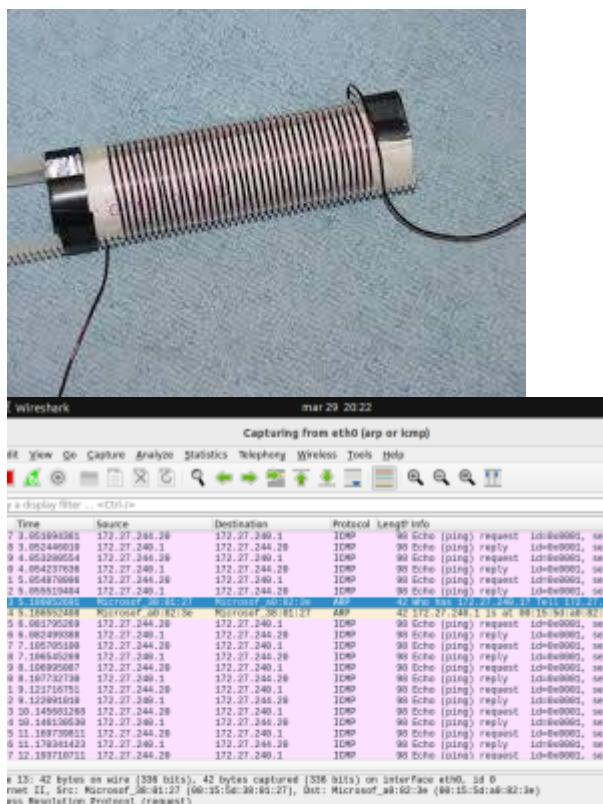
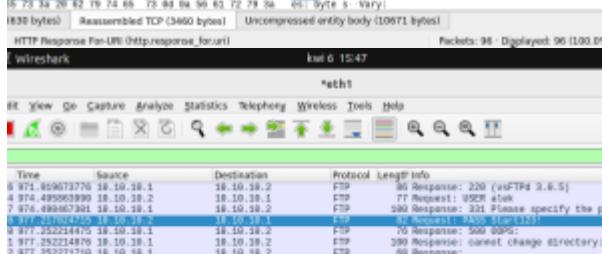
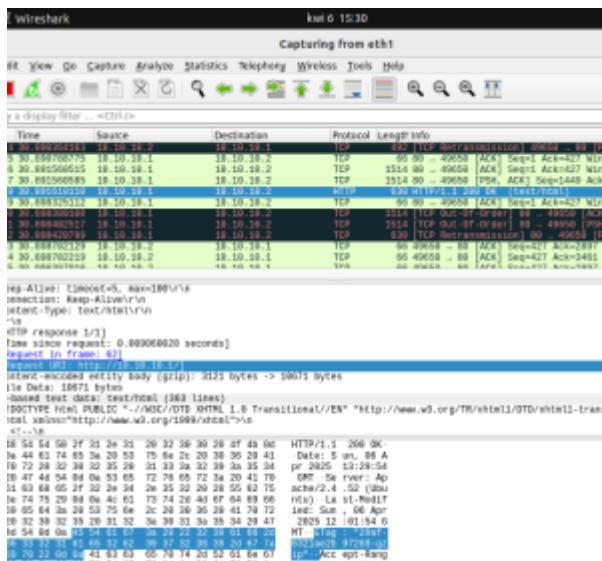
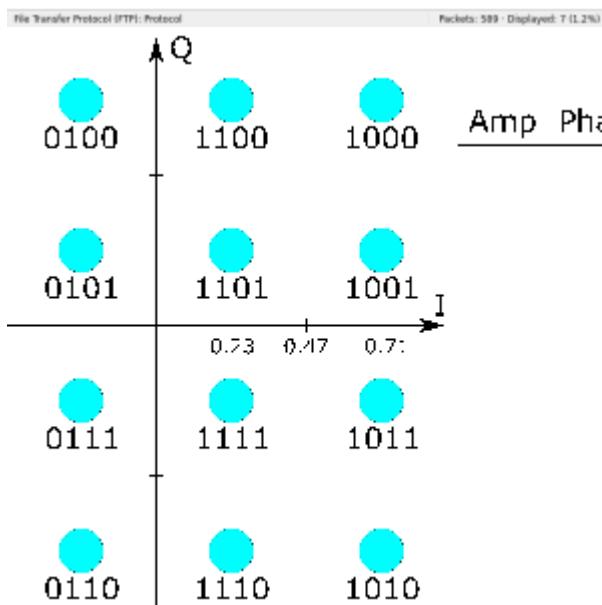


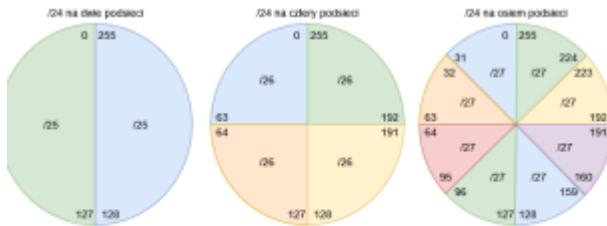
AI: Niepewność Wiedzy





```
E 826: 82 Bytes on-wire (688 Bits), 82 Bytes (captured /688 Bits) on Interface eth0, id 8  
inet LLC Src: Microsoft_30-01-2c (00:15:3d:30:01:2c), Dst: Microsoft_30-01-2b (00:15:5d:30:01:2b)  
Mission Control Protocol, Src Port: 20500, Dst Port: 21, Seq: 12, Ack: 55, Len: 16  
Transfer Protocol (FTP)  
User Start123/vin  
Request comment PASS  
Request msg: Start123!  
new working directory: ]
```





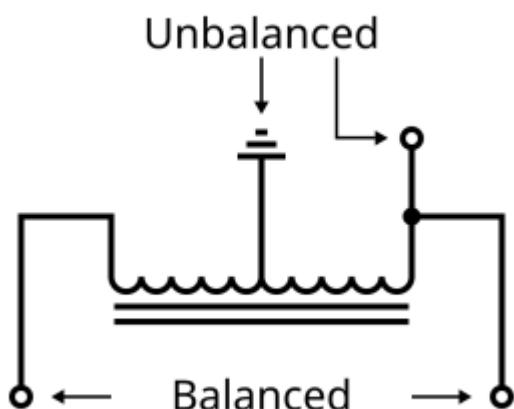
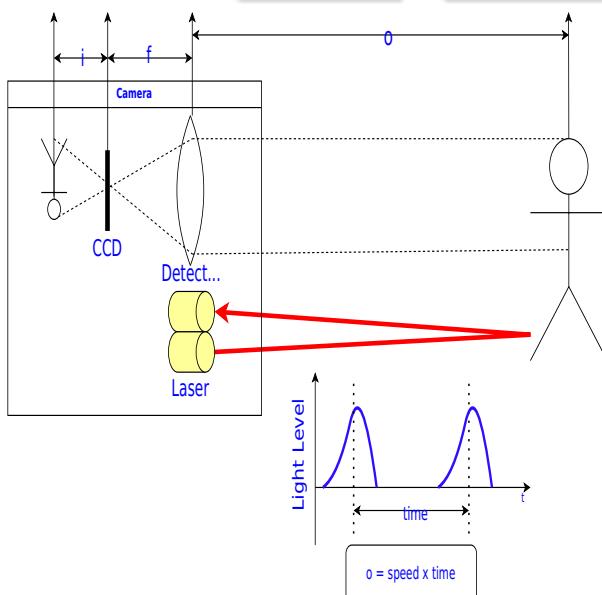
PARAMETRY PIERWSZEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.128
Adres Basowy	192.168.0.0
Premasy uzycieczny	192.168.0.1
Ostatni Uzytkowny	192.168.0.126
Broadcast	192.168.0.127

PARAMETRY PIERWSZEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.128
Adres Basowy	192.168.0.128
Premasy uzycieczny	192.168.0.129
Ostatni Uzytkowny	192.168.0.254
Broadcast	192.168.0.255

PARAMETRY PIERWSZEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.128
Adres Basowy	192.168.0.128
Premasy uzycieczny	192.168.0.129
Ostatni Uzytkowny	192.168.0.136
Broadcast	192.168.0.127

PARAMETRY DRUGIEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.128
Adres Basowy	192.168.0.128
Premasy uzycieczny	192.168.0.129
Ostatni Uzytkowny	192.168.0.136
Broadcast	192.168.0.127

PARAMETRY Czwartej Sieci:	
Opis	Wartość
Maska podsieci	255.255.255.252
Adres Basowy	192.168.0.96
Premasy uzycieczny	192.168.0.97
Ostatni Uzytkowny	192.168.0.136
Broadcast	192.168.0.127



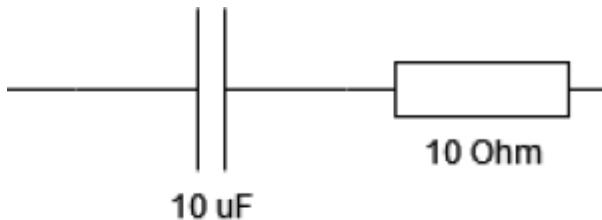
4.4

Dielectric Height:
1.4 Millimeters

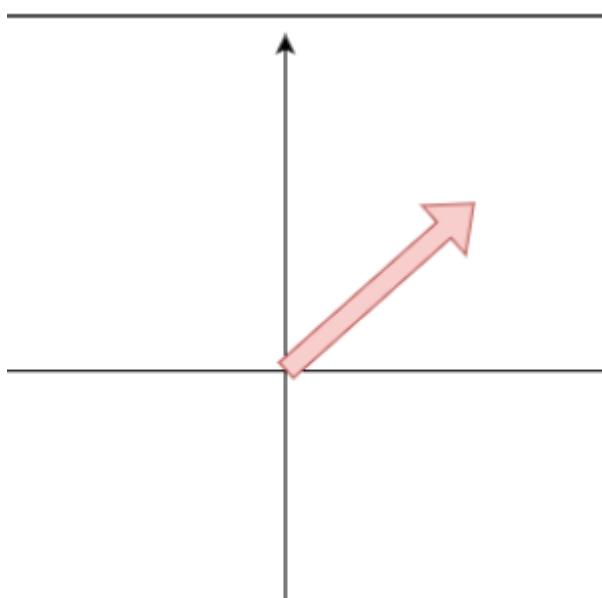
Operation Frequency:
2.4 GHz

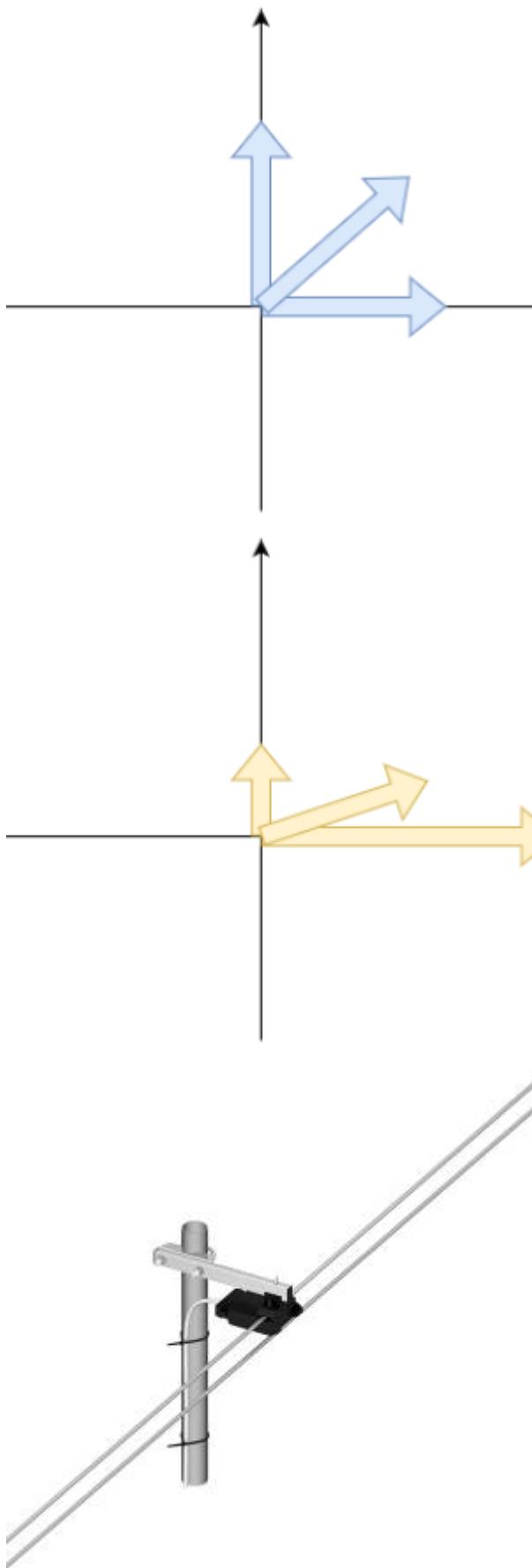
CALCULATE

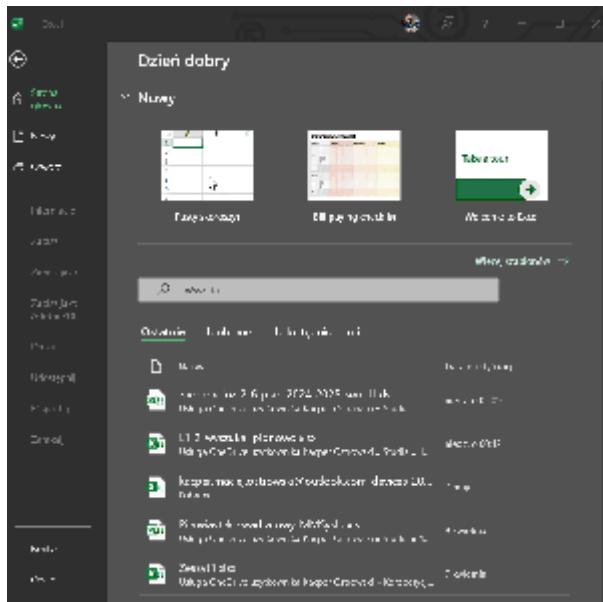
Result:
Width: 38.01 mm
Length: 29.49 mm



000Hz







MASKA 255 - 255 - 255 - 0

ADRES IP 192 . 168 . 0 . 123

Hosta

Ilość możliwych adresów = 2^n
W naszym przypadku n = 8

$$2^{\omega} = 256$$

$$2^8 = 256$$

Wszystkich możliwych adresów jest 256

Ilość użytecznych adresów = $2^n - 2$

$$2^8 = 256$$

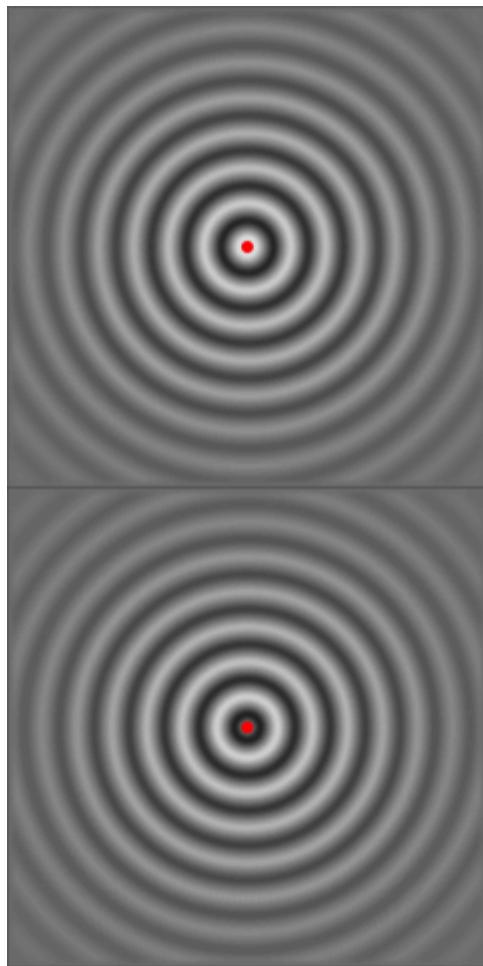
Wszystkich użytkowników adresów jest 254.

Konwersja z systemu binarnego dziesiętny

$$1010\ 1000_2 = 168$$

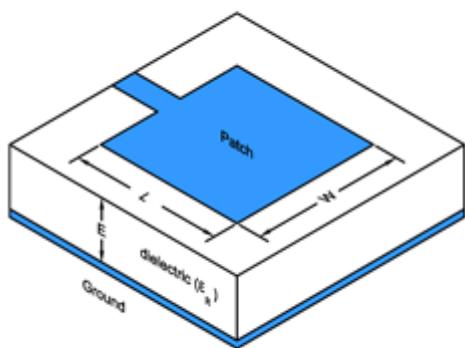
Tam gdzie są jedynki do

$$128+32+8 = 192$$

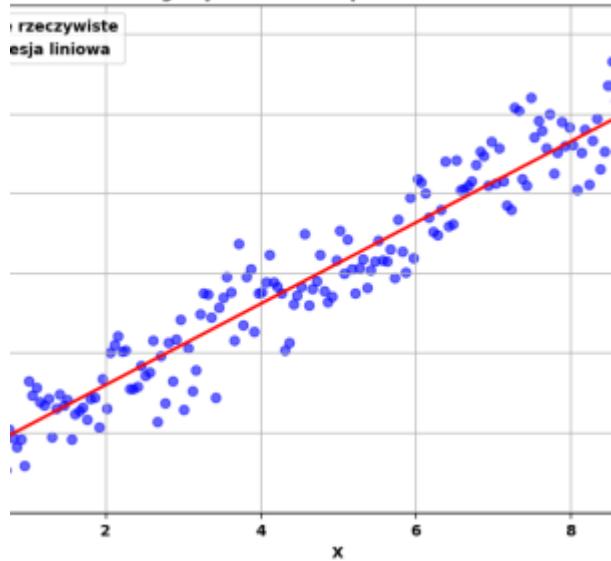


$$\stackrel{+1}{\equiv}; \quad \varepsilon_{eff} = \frac{\varepsilon_R + 1}{2} +$$

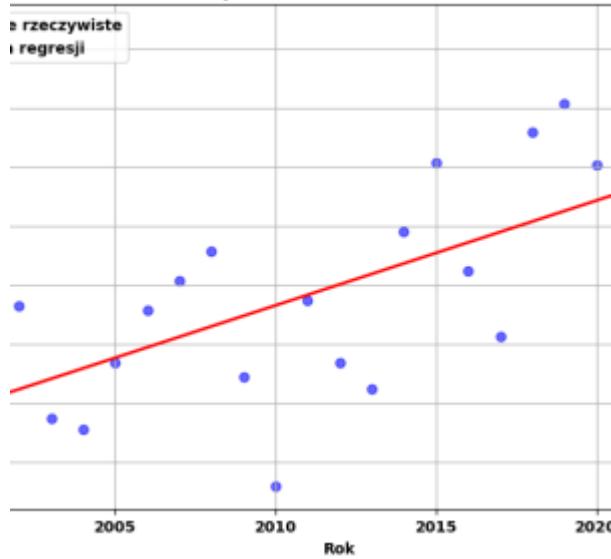
$$\varepsilon_{eff} = -0.824h \left(\frac{(\varepsilon_{eff})}{(\varepsilon_{eff})} \right)$$

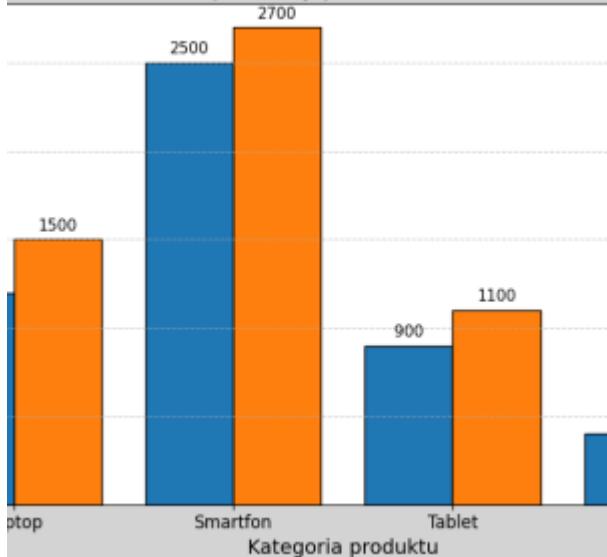
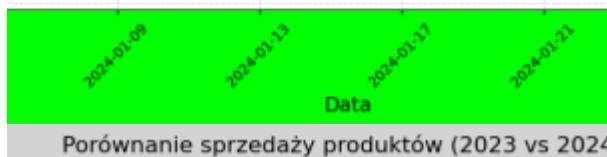


Regresja liniowa - dopasowanie modelu



Średnia temperatura w Warszawie (2000-2023)



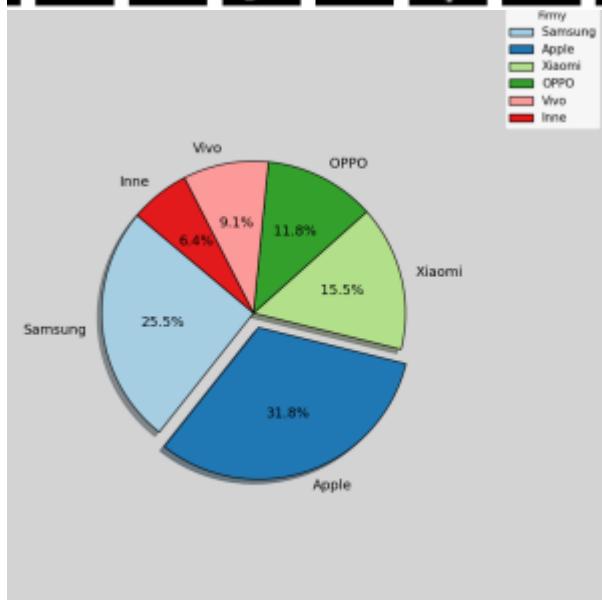


1 0 4 1 4 9 |

9 0 1 5 9 7 |

6 5 4 0 7 4 |

3 4 7 2 7 1 |

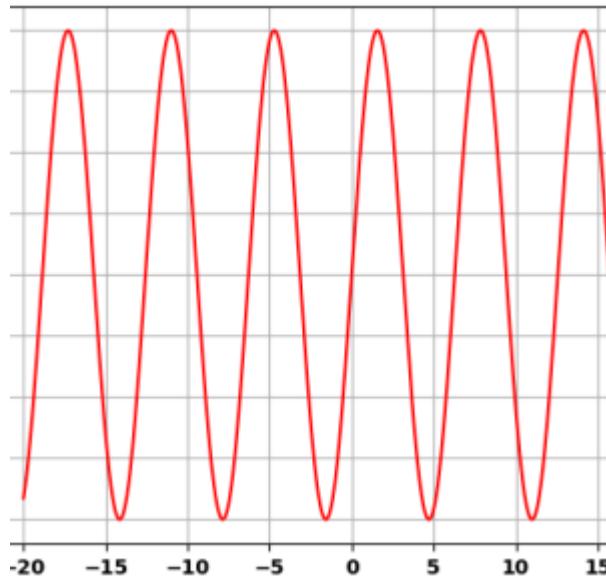
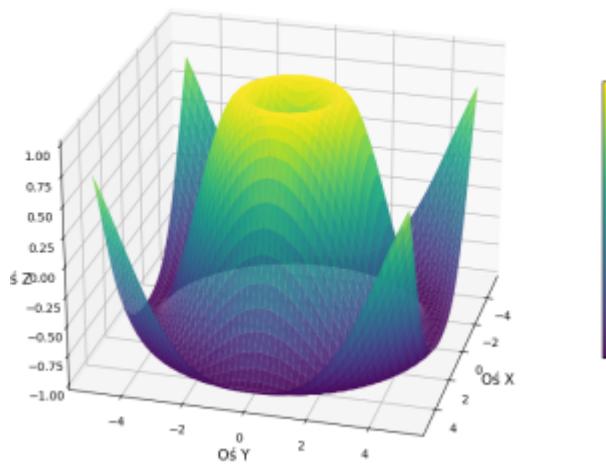
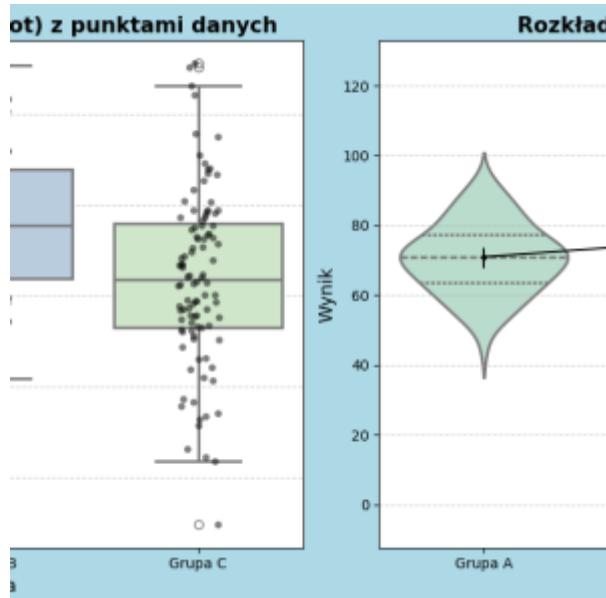


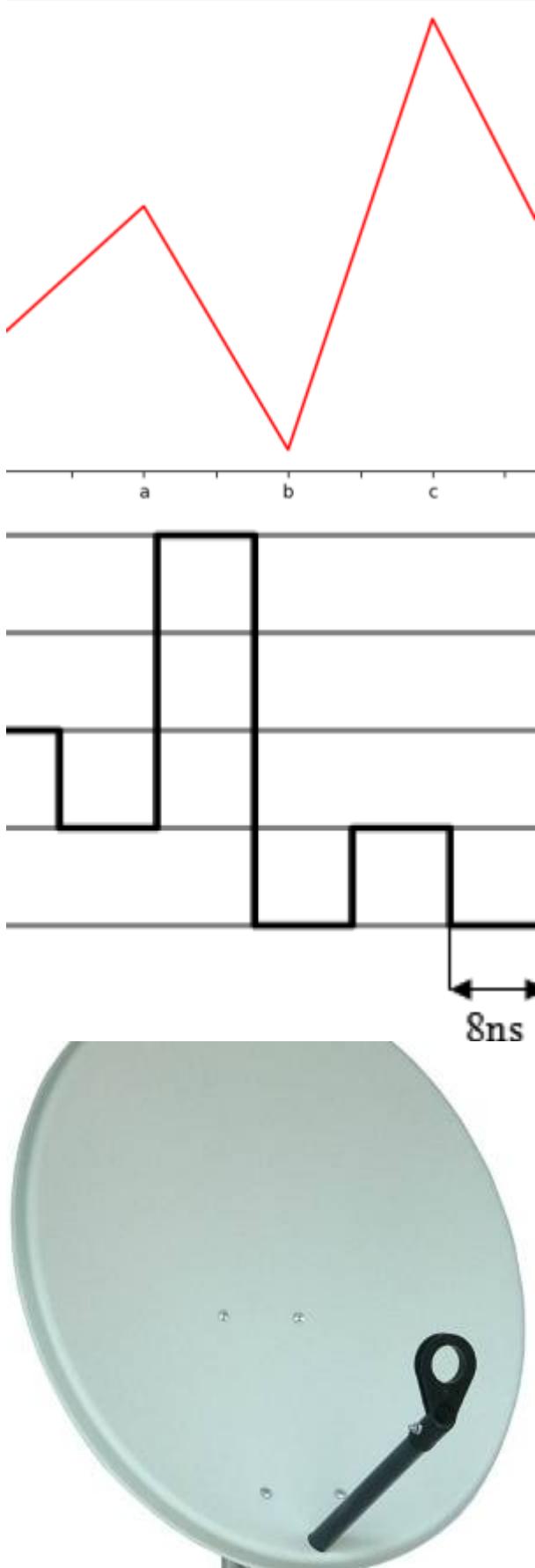
1 0 4 1 4 9 |

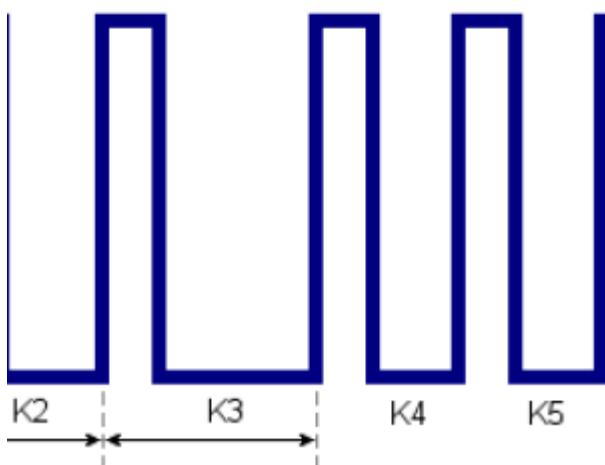
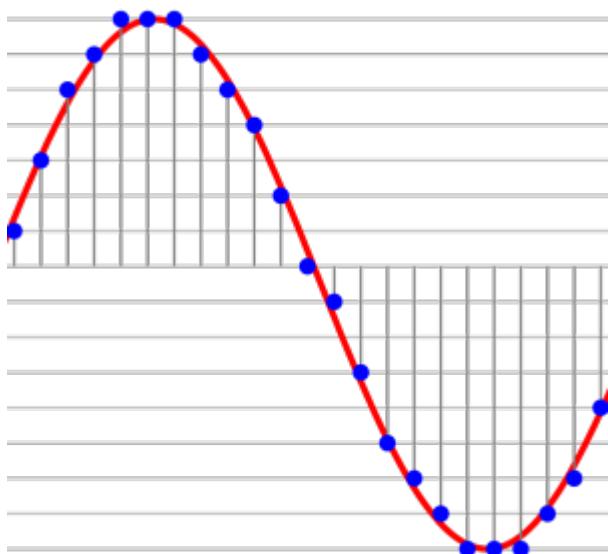
9 0 1 5 9 7 |

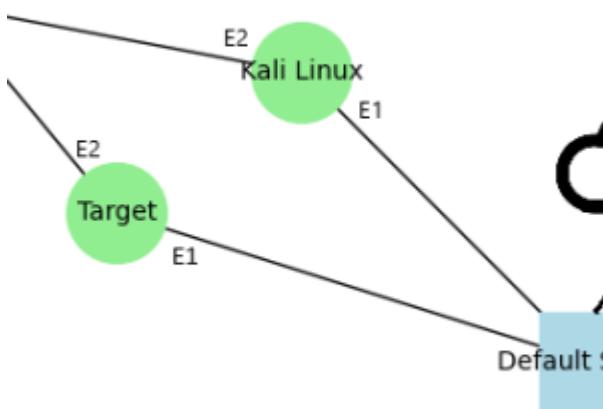
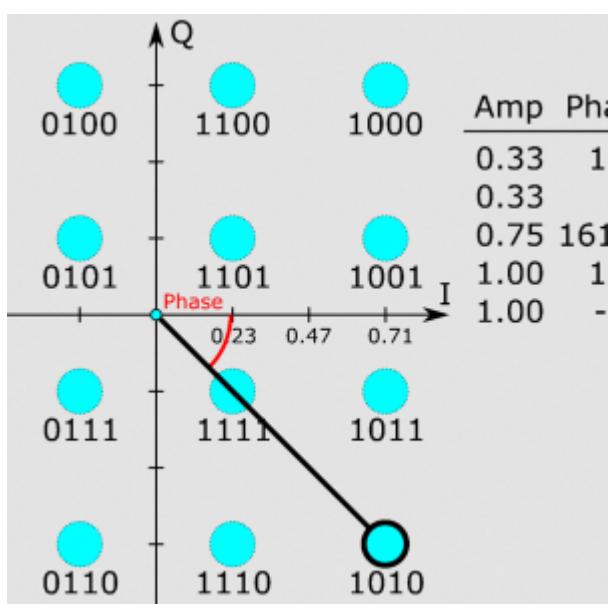
6 5 4 0 7 4 |

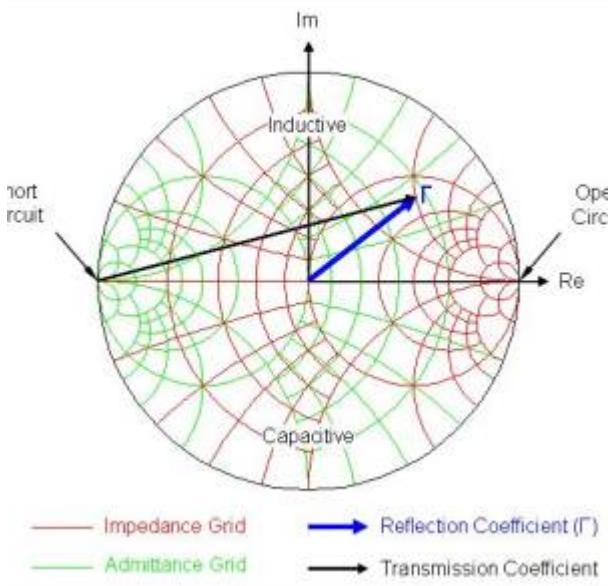
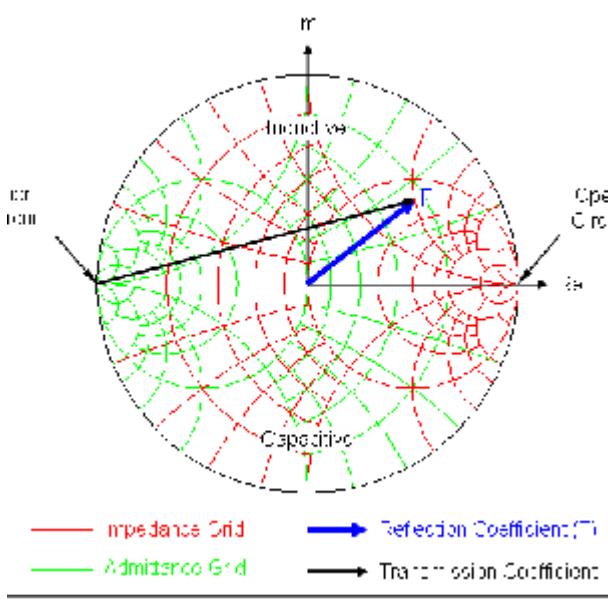
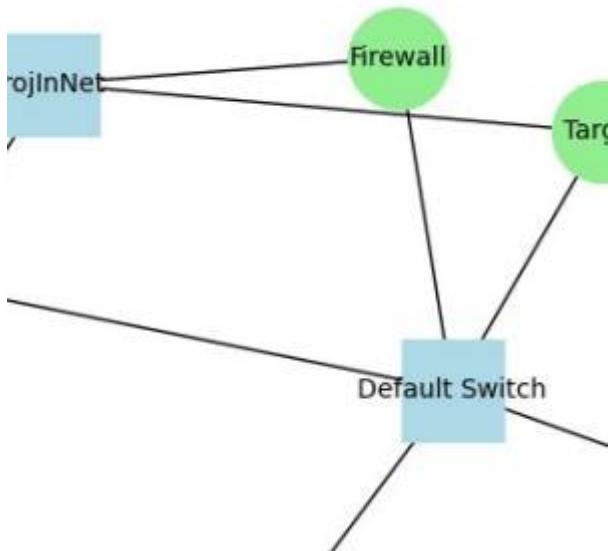
3 4 7 2 7 1 |

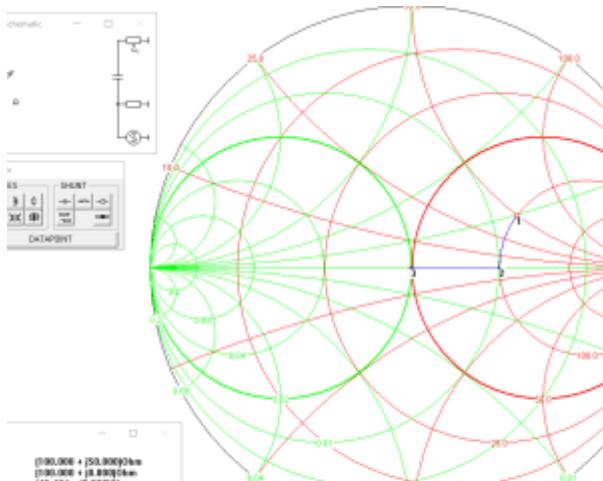












```
[1] Terminal: mar 2, 16:08  
administrator@Target-VM: ~  
  
strator@Target-VM: $ sudo iptables -P INPUT DROP  
password for administrator:  
strator@Target-VM: $ iptables -A INPUT -p icmp -j ACCEPT  
es v1.8.7 (nf_tables): Could not fetch rule set generation id: Permission denied (you  
  
strator@Target-VM: $ sudo iptables -A INPUT -p icmp -j ACCEPT
```

10

```
[1 Terminal]                         mar 2 16:14
                                         admin@Target-VM: ~
stratagyTarget-VM: $ sudo iptables -L -v -n
INPUT (policy DROP 0 packets, 0 bytes)
bytes target     prot opt in     out    source        destination
  0 ACCEPT      icmp  --  *      *      0.0.0.0/0      0.0.0.0/8
  0 ACCEPT      tcp   --  *      *      0.0.0.0/0      0.0.0.0/8

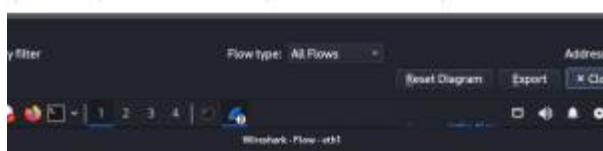
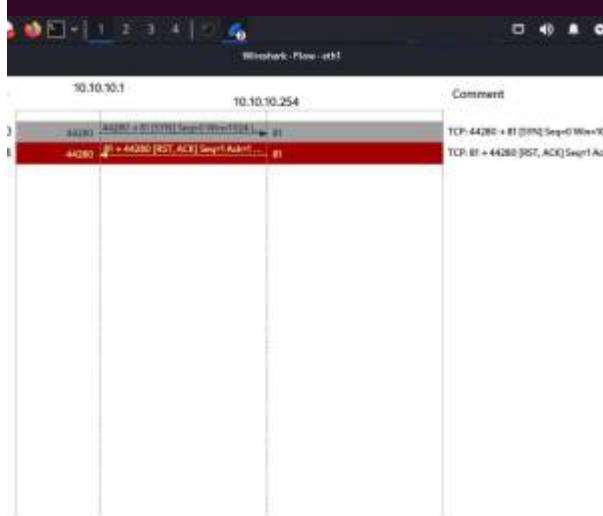
FORWARD (policy ACCEPT 0 packets, 0 bytes)
bytes target     prot opt in     out    source        destination

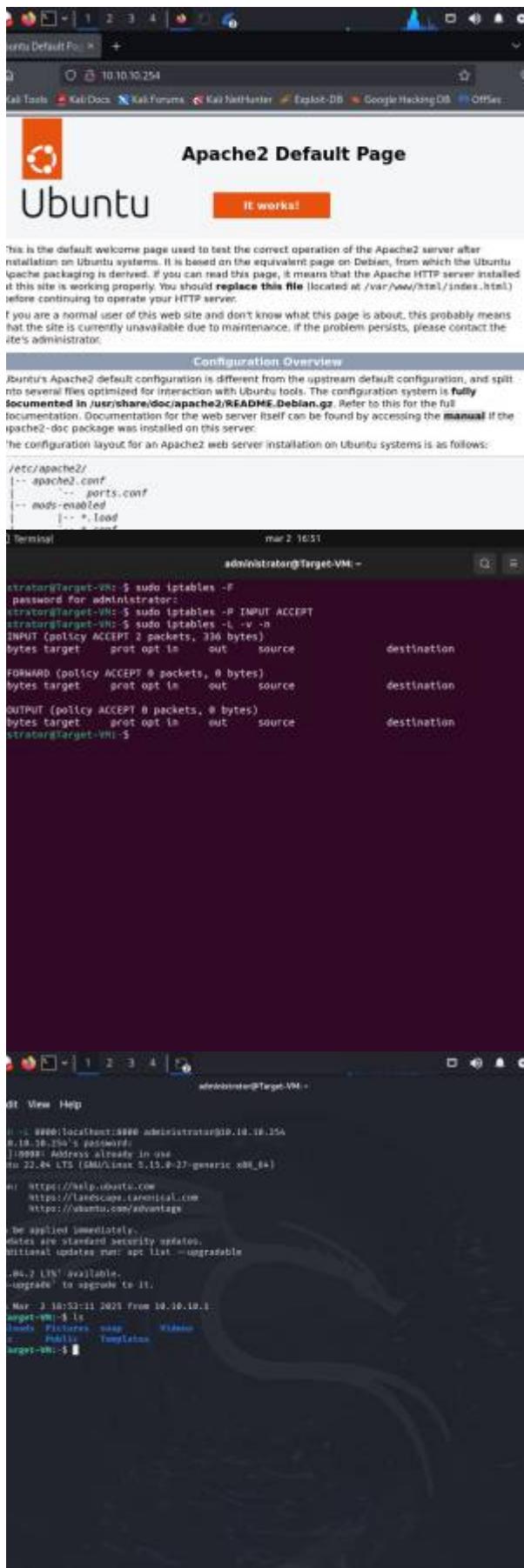
OUTPUT (policy ACCEPT 0 packets, 0 bytes)
bytes target     prot opt in     out    source        destination
stratagyTarget-VM: $
```

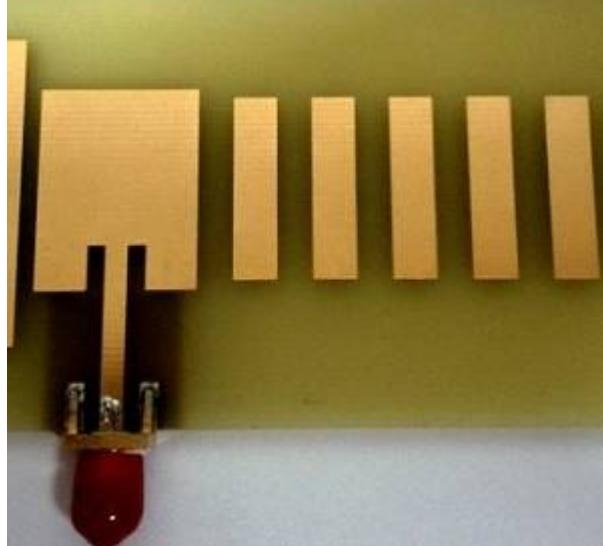
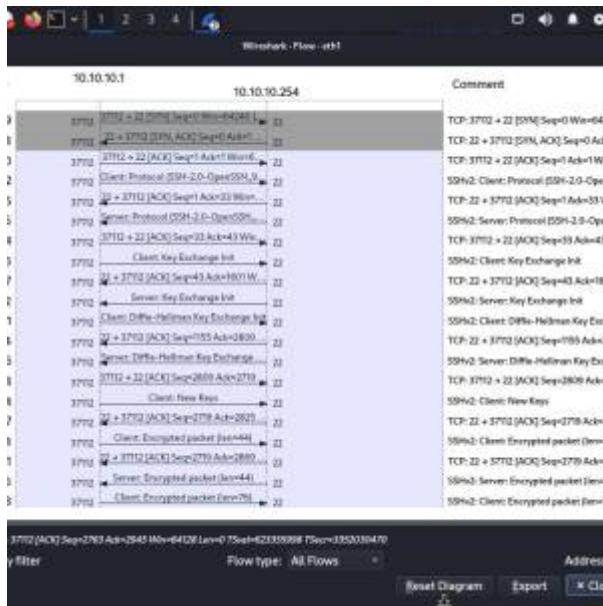
```
[Terminal] mar 2 16:22
administrator@Target-VM:~$ sudo iptables -A INPUT -p tcp --dport 22 -j ACCEPT
administrator@Target-VM:~$ sudo iptables -A INPUT -p tcp --dport 81 -j ACCEPT
administrator@Target-VM:~$ sudo iptables -L -v -n
Chain INPUT (policy ACCEPT 459 packets, 99430 bytes)
bytes target     prot opt in     out    source          destination
 756 ACCEPT     icmp  --  *      *      0.0.0.0/0        0.0.0.0/0
 845 ACCEPT     tcp   --  *      *      0.0.0.0/0        0.0.0.0/0
  0 ACCEPT     tcp   --  *      *      0.0.0.0/0        0.0.0.0/0
  0 ACCEPT     tcp   --  *      *      0.0.0.0/0        0.0.0.0/0

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
bytes target     prot opt in     out    source          destination

Chain OUTPUT (policy ACCEPT 0 packets, 0 bytes)
bytes target     prot opt in     out    source          destination
administrator@Target-VM:~$
```







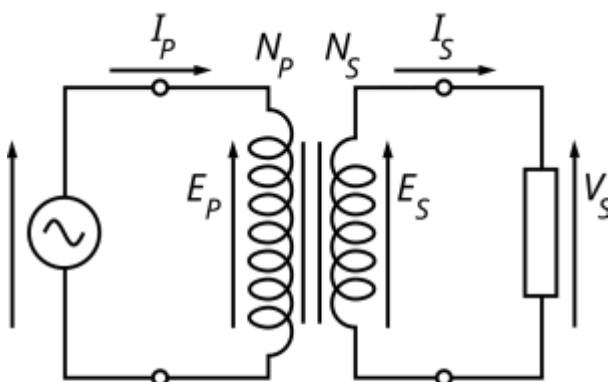
Tablica danych

i - indeks

=	123	345	268	278	89	23	111	23	56
:	0	1	2	3	4	5	6	7	8

=	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'
:	0	1	2	3	4	5	6	7	8

:	"Kot"	"Jabłko"	"Dziecko"	"Janusz"
1	2	3	4	



$$\frac{V_P}{V_S} = \frac{I_S}{I_P} = \frac{N_P}{N_S}$$

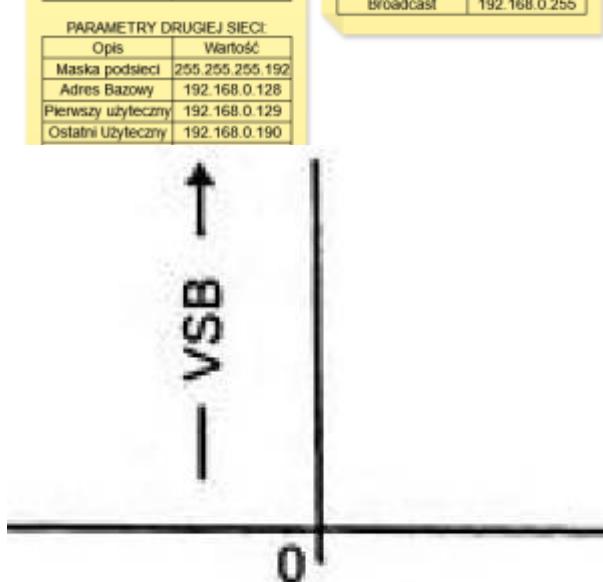


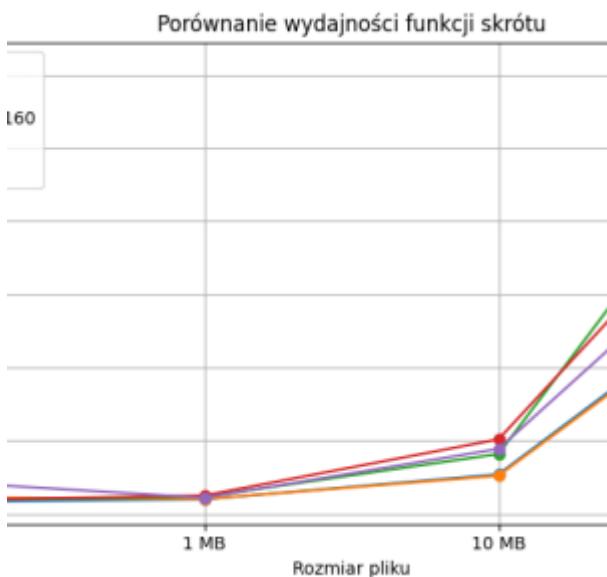
PARAMETRY TRZECIEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.224
Adres Bazowy	192.168.0.192
Pierwszy użyteczny	192.168.0.193
Ostatni Użyteczny	192.168.0.222
Broadcast	192.168.0.223

PARAMETRY CZWARTEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.240
Adres Bazowy	192.168.0.224
Pierwszy użyteczny	192.168.0.225
Ostatni Użyteczny	192.168.0.238
Broadcast	192.168.0.239

PARAMETRY PIERWSZEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.128
Adres Bazowy	192.168.0.0
Pierwszy użyteczny	192.168.0.1
Ostatni Użyteczny	192.168.0.126
Broadcast	192.168.0.127

PARAMETRY PIĄTEJ SIECI:	
Opis	Wartość
Maska podsieci	255.255.255.240
Adres Bazowy	192.168.0.240
Pierwszy użyteczny	192.168.0.241
Ostatni Użyteczny	192.168.0.254
Broadcast	192.168.0.255





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