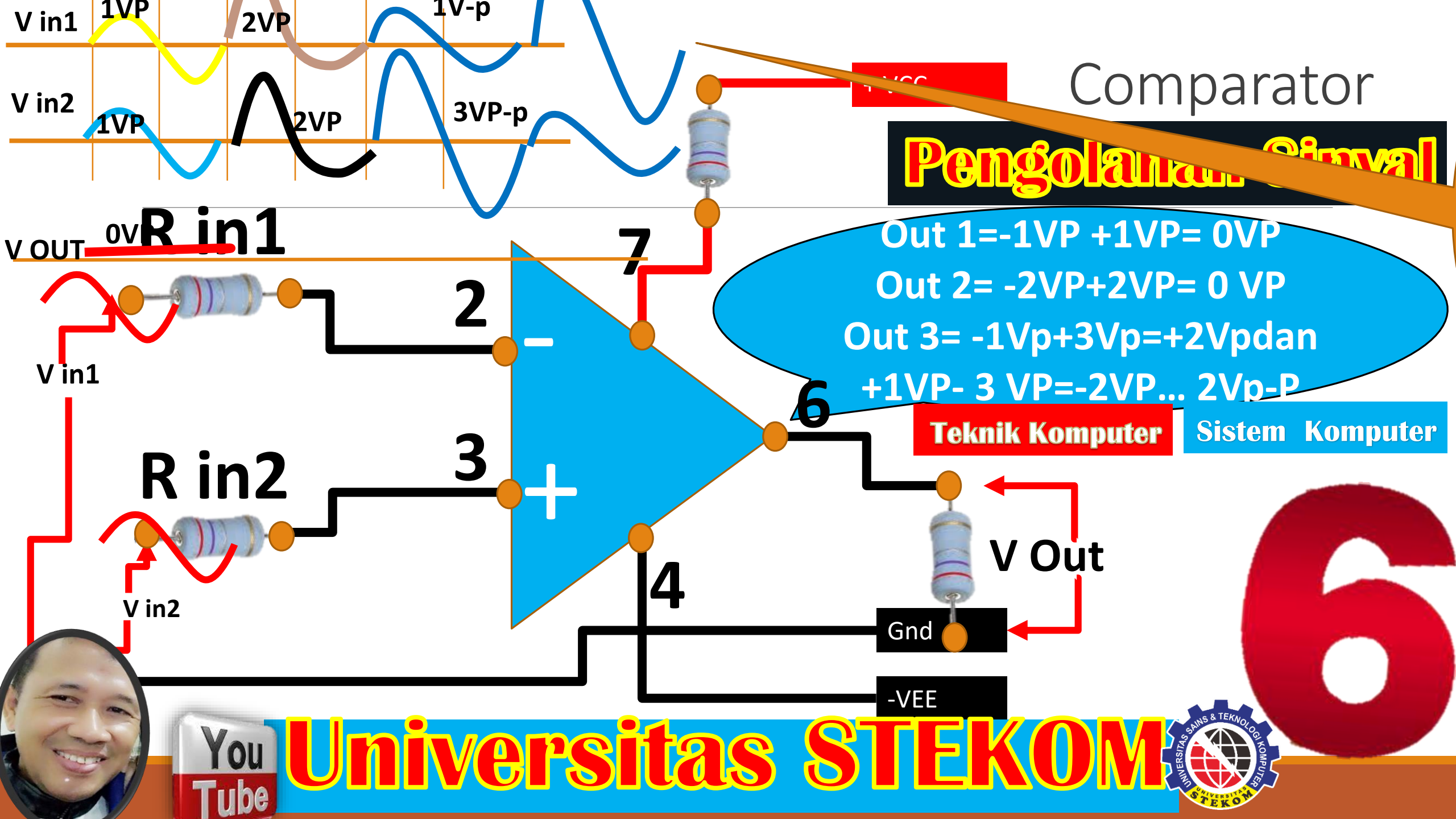
V in1
1VP
2VP
1V-p
V in2
1VP
2VP
3VP-p
Comparator
Pengolahan Sinyal
Out 1=-1VP +1VP= 0VP
Out 2= -2VP+2VP= 0 VP
Out 3= -1Vp+3Vp=+2Vpdan
+1VP- 3 VP=-2VP... 2Vp-P
Teknik Komputer
Sistem Komputer
V OUT
0V
R in1
R in2
V in1
V in2
2
3
7
6
4
V Out
Gnd
-VEE
6
You Tube
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+VCC + 5 Volt

R 1 = 4K7

R 2 = 4K7

2,5 V

INPUT 1 ?

R 3 = 4K7

2,5 V

R 4 = 4K7

-VEE / Ground

V in Inv = R2 :
(R1+R2) x VCC

V in N. Inv = R4 :
(R3+R4) x VCC

Output Komparator ?
Vout = 0 Volt

INPUT 2 ?

Teknik Komputer

Sistem Komputer

6

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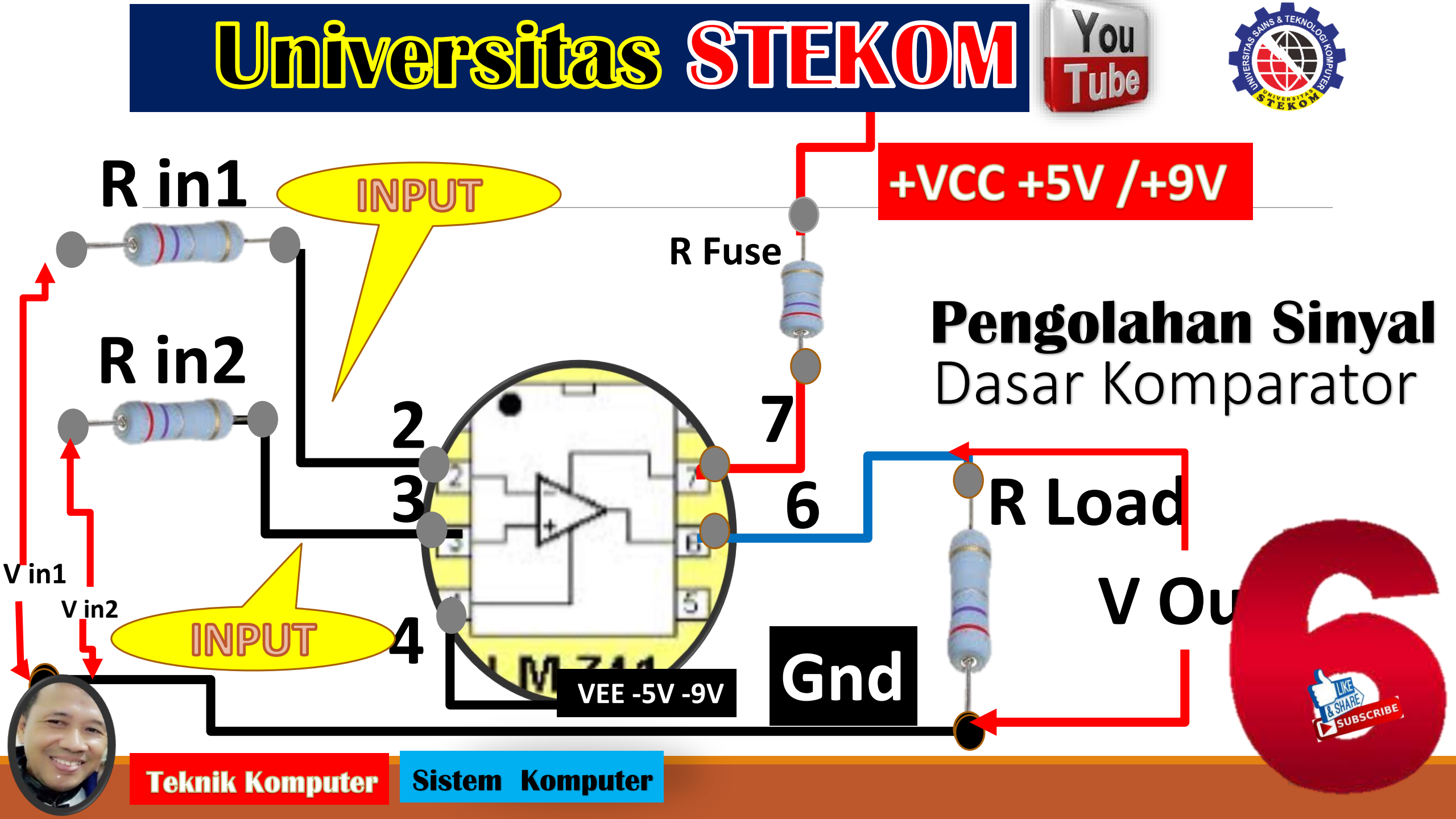

Teknik Komputer | Sistem Komputer

Quis p 6

Gambarkan skema dasar Komparator dan bentuk sinyal outputnya saat diberi input sbb:

T3 V 1= 2 VP T4 V1 = - 3 VP

T3 V2= -3VP T4 V2 = +5VP