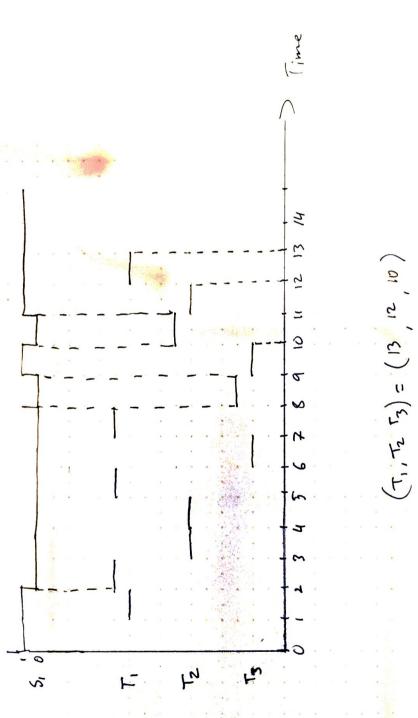


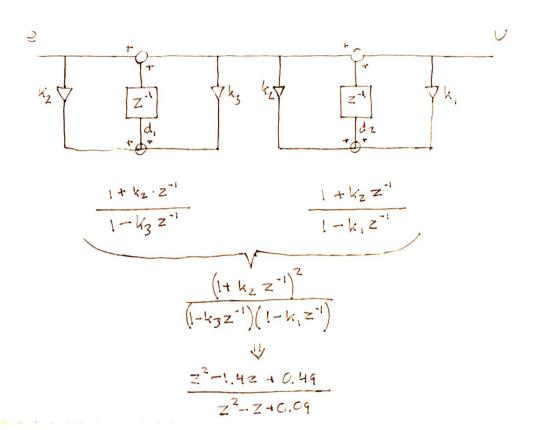
(1, 12, 13) = (2, 11, 9)



Question 21

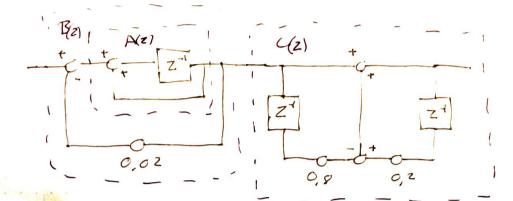
Exam 2016

$$k_1 = 0,1$$
 $k_2 = -0,7$



Exam 2016 Question 4-8

45

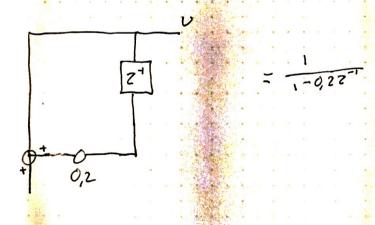


$$A(z) = \frac{z^{-1}}{1-z^{-1}}$$

$$C(7) = \frac{1 - 0.8z^{-1}}{1 - 0.2z^{-1}}$$

Q₆

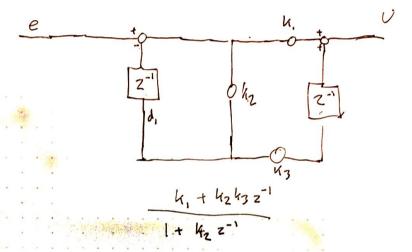
Q₇



Exam 2015 Question 27

 $k_1 = 4,8$ $k_2 = 0,2$ $k_3 = 2,0$

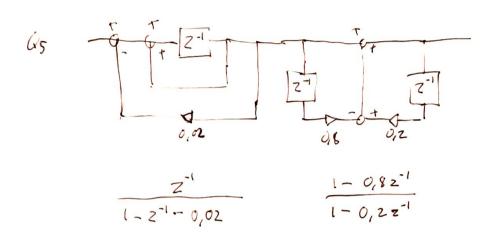
e = in $f = e - d_1$ $V = f \cdot k_1 + d_2$ Out(v) $intg = int_S + f$ $d_1 = k_2 \cdot intg$ $k_2 = k_3 \cdot d_1$



Exam 2016

avestion 4-8

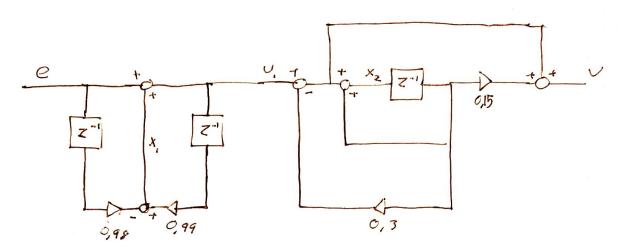
Q4 0,5 4A0





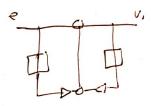
Question

10-14

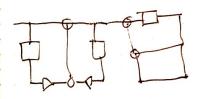


$$X_{45} = (1.0,99z^{-1} - 0,98z^{-1})$$
, $z=1=7$

Q11
$$V_{15} = \frac{1 - 0.98z^{-1}}{1 - 0.99z^{-1}}, z=1=7$$



Q12
$$x_{25} = v_{1.5} \times \frac{z^{-1}}{1-z^{-1}+0.3}$$
 $z=1 => 6.667$



Q13 a ways 1

Q14 ?