

$$\frac{1}{1-n} \frac{dv}{dn} + P(n)v = Q(n)$$

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$$\frac{1}{1-n} \frac{dv}{dn} + (1-n)P(n)v = (1-n)Q(n)$$

$$\frac{1}{1-n} \frac{dv}{dn} + P_1(n) = P_1(n)$$

$$\frac{1}{1-n} \frac{dv}{dn} + P_1(n)v = Q_1(n)$$

Kirchoff's voltage law sught that

Voltage of source = Voltage of the electrical component

inductor voltage 
$$V_L = L \frac{di}{dt} \int_{+}^{+}$$

Resistor

Voltage  $V_L = L \frac{di}{dt} \int_{+}^{+}$ 

Complex Number:  $e^{ix} = exxx + ixinx$ 
 $e^{ix} = exxx + i$ 

	. C= —	-RL					
1	• C= —	R7+w2	02				
				a - RHL			
i(+)=	Vo Res(wt) +w/Vosin(wt) - V.Rq.  R2+w2/2						
/(1/=	R	2+w2 12					