To hear and view this Pencast PDF on your computer, <u>click here</u> to get the latest version of Adobe[®] Reader. Example 4 long series + 1/vel combunation Z(s)= / (Zz+Z4) | Zz +Z1 $\frac{1}{R} = \frac{1}{R} + \frac{1}{R}$

Z(s)

 $\frac{1}{2a} = \frac{7}{2} + \frac{1}{24} = \frac{7}{2} + \frac{1}{24} + \frac{1}{24}$

 $z_{\alpha} = z_{2}(z_{3} + z_{4})$ $z_{2} + z_{3} + z_{4}$

Z(s)= Z2(Z3+Z4)+Z1 22+23+24

Z2(Z3+Z4)+Z1(Z2+Z3+Z4)

22+ 75+ Ty

S(1/s+s)+1(s+1/s+s)

5+1/5+5

 $= \frac{5^{3} + 25^{2} + 5 + 1}{25^{2} + 1}$