(1)
$$Y(s) = \frac{s(s^{2}+2)(s^{2}+1)}{(s^{2}+1)(s^{2}+3)} = P \quad Z(s) = \frac{(s^{2}+1)(s^{2}+3)}{s(s^{2}+2)(s^{2}+1)}$$
(1)
$$W(s) = \frac{s(s^{2}+2)(s^{2}+1)}{s(s^{2}+3)} = \frac{s(s^{2}+1)(s^{2}+3)}{s(s^{2}+2)(s^{2}+1)} = \frac{1 \cdot \delta}{2 \cdot 4} = \frac{3}{3}.$$

$$2l_{4} = \frac{s(s)}{s^{2}} = \frac{s^{2}+2}{s} \quad Z(s) = \frac{s(s)}{s(s^{2}+2)(s^{2}+4)} = \frac{1 \cdot \delta}{s(s^{2}+2)(s^{2}+4)} = \frac{3}{s(s^{2}+2)(s^{2}+4)} = \frac{s(s)}{s(s^{2}+2)(s^{2}+4)} = \frac{s(s)}{s(s^{2}+2)(s^{2}+4)} = \frac{1}{s(s)} = \frac{s(s)}{s(s^{2}+2)(s^{2}+4)} = \frac{s(s)}{s(s^{$$

Kl Joseph Defret Die Prude obliger Koster Parleto $2 = \lim_{S^{2} \to -1} \frac{8(5^{2}+2)(5^{2}+4)}{(5^{2}+3)} = \lim_{S^{2} \to -1} \frac{(5^{2}+2)(5^{2}+4)}{(5^{2}+3)} = \frac{(-1+2)(-1+4)}{(-1+3)}$ 2k = (1/3) = 3 $2k_2 = \lim_{S^2 \to -3} \frac{S^2+2}{S} \frac{S(S^2+2)(S^2+4)}{(S^2+1)(S^2+3)} = \lim_{S^2 \to -3} \frac{(S^2+2)(S^2+2)}{(S^2+1)} = \frac{(-3+2)(-3+4)}{(-3+1)}$ $12k_2 = \frac{(-1)(1)}{(-2)} = \frac{1}{2}$ [600 = 8m /(2) = 8(8241)(8243) = 1. $C_1 = \frac{2k_1}{W_1^2} = \frac{3}{2} \cdot \frac{1}{1} = \frac{3}{2}$ 4 = 1 = 23 $G_2 = \frac{2V_2}{W_2^2} = \frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$ (3 = K00 = 1

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$V(s) = \frac{55 + 65^{3} + 85}{5^{4} + 45^{2} + 3}$ $85 + 65^{3} + 55$ $85 + 65^{3} + 55$ $\frac{4}{4}5^{2} + 5$	254 3 1 CAVE
$\frac{4}{4} 5^{2} + \frac{5}{8} 54 + \frac{22}{3} 5^{3} + 5^{5}$	
$\frac{4}{4} s^{2} + \frac{19}{88} s^{4} \qquad \frac{49}{685} s \qquad \frac{1}{5}$ $\frac{22}{4} s^{3} + s^{5} \qquad \frac{3}{44} s^{4}$ $\frac{3}{4} s^{2} + \frac{19}{88} s^{4} \qquad \frac{49}{685} s \qquad \frac{1}{5} s^{4}$	r - W -
22 s ³	0 13/8 149685 13/44 0 13/8 149685 13/44
CAURE I $ \frac{35}{5} + 65^3 + 85 5^4 + 5^2 + 35 5 $ $ \frac{35}{5} + 65^3 + 85 5^4 + 5^2 + 35 5 $ $ \frac{35}{5} + 65^3 + 85 5^4 + 5^2 + 35 5 $	0-ym-0
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3 13 0 mm-0.	