

$$G_n(s) = \frac{s^9 + 46.8s^8 + 957.6s^7 + 11144s^6 + 80511.9s^5 + 369601.6s^4 + 1060774.5s^3 + 1809006.4s^2 + 1669955.4s + 638266}{s^{10} + 36.9s^9 + 620.8s^8 + 6257.9s^7 + 41888s^6 + 195879.7s^5 + 658023.2s^4 + 1611073.5s^3 + 2857356s^2 + 3425885.4s + 2110138.4}$$