

$$\text{Out[15]} = \left\{ \begin{aligned} &1 \rightarrow 1, p^2 \rightarrow 0.826205 + 0. \, \text{i}, p \, x \rightarrow 0. + 0.5 \, \text{i}, x^2 \rightarrow 0.305782, p^4 \rightarrow 1.93335 + 0. \, \text{i}, \\ &p^3 \, x \rightarrow 0. + 1.23931 \, \text{i}, p^2 \, x^2 \rightarrow -0.181759 + 0. \, \text{i}, p \, x^3 \rightarrow 0. + 0.458672 \, \text{i}, x^4 \rightarrow 0.260212, \\ &p^6 \rightarrow 7.2212 + 0. \, \text{i}, p^5 \, x \rightarrow 0. + 4.83338 \, \text{i}, p^4 \, x^2 \rightarrow -1.47756 + 0. \, \text{i}, p^3 \, x^3 \rightarrow 0. + 0.682085 \, \text{i}, \\ &p^2 \, x^4 \rightarrow -0.601349 + 0. \, \text{i}, p \, x^5 \rightarrow 0. + 0.65053 \, \text{i}, x^6 \rightarrow 0.347256, p^8 \rightarrow 38.0874 + 0. \, \text{i}, \\ &p^7 \, x \rightarrow 0. + 25.2742 \, \text{i}, p^6 \, x^2 \rightarrow -9.10923 + 0. \, \text{i}, p^5 \, x^3 \rightarrow 0. + 1.31136 \, \text{i}, p^4 \, x^4 \rightarrow -3.05202 + 0. \, \text{i}, \\ &p^3 \, x^5 \rightarrow 0. + 0.0766033 \, \text{i}, p^2 \, x^6 \rightarrow -1.47895 + 0. \, \text{i}, p \, x^7 \rightarrow 0. + 1.21539 \, \text{i}, x^8 \rightarrow 0.61636, \\ &p^{10} \rightarrow 290.984 + 0. \, \text{i}, p^9 \, x \rightarrow 0. + 171.393 \, \text{i}, p^8 \, x^2 \rightarrow -58.4308 + 0. \, \text{i}, p^7 \, x^3 \rightarrow 0. + 5.85395 \, \text{i}, \\ &p^6 \, x^4 \rightarrow -18.9248 + 0. \, \text{i}, p^5 \, x^5 \rightarrow 0. - 5.41413 \, \text{i}, p^4 \, x^6 \rightarrow -5.36261 + 0. \, \text{i}, p^3 \, x^7 \rightarrow 0. - 1.86789 \, \text{i}, \\ &p^2 \, x^8 \rightarrow -3.94401 + 0. \, \text{i}, p \, x^9 \rightarrow 0. + 2.77362 \, \text{i}, x^{10} \rightarrow 1.34604, p^{10} \, x^2 \rightarrow -393.285 + 0. \, \text{i}, \\ &p^9 \, x^3 \rightarrow 0. + 121.055 \, \text{i}, p^8 \, x^4 \rightarrow -179.528 + 0. \, \text{i}, p^7 \, x^5 \rightarrow 0. - 65.8857 \, \text{i}, p^6 \, x^6 \rightarrow -21.9806 + 0. \, \text{i}, \\ &p^5 \, x^7 \rightarrow 0. - 24.2693 \, \text{i}, p^4 \, x^8 \rightarrow -8.18325 + 0. \, \text{i}, p^3 \, x^9 \rightarrow 0. - 9.48987 \, \text{i}, p^2 \, x^{10} \rightarrow -11.7121 + 0. \, \text{i}, \\ &p \, x^{11} \rightarrow 0. + 7.40324 \, \text{i}, x^{12} \rightarrow 3.45606, p^{10} \, x^4 \rightarrow -2602.5 + 0. \, \text{i}, p^9 \, x^5 \rightarrow 0. - 900.886 \, \text{i}, \\ &p^8 \, x^6 \rightarrow -117.932 + 0. \, \text{i}, p^7 \, x^7 \rightarrow 0. - 245.959 \, \text{i}, p^6 \, x^8 \rightarrow 19.0191 + 0. \, \text{i}, p^5 \, x^9 \rightarrow 0. - 80.4034 \, \text{i}, \\ &p^4 \, x^{10} \rightarrow -3.89309 + 0. \, \text{i}, p^3 \, x^{11} \rightarrow 0. - 40.7005 \, \text{i}, p^2 \, x^{12} \rightarrow -38.5306 + 0. \, \text{i}, \\ &p \, x^{13} \rightarrow 0. + 22.4644 \, \text{i}, x^{14} \rightarrow 10.13, p^{10} \, x^6 \rightarrow -780.606 + 0. \, \text{i}, p^9 \, x^7 \rightarrow 0. - 3199.36 \, \text{i}, \\ &p^8 \, x^8 \rightarrow 800.881 + 0. \, \text{i}, p^7 \, x^9 \rightarrow 0. - 623.083 \, \text{i}, p^6 \, x^{10} \rightarrow 291.196 + 0. \, \text{i}, p^5 \, x^{11} \rightarrow 0. - 242.547 \, \text{i}, \\ &p^4 \, x^{12} \rightarrow 61.4837 + 0. \, \text{i}, p^3 \, x^{13} \rightarrow 0. - 173.895 \, \text{i}, p^2 \, x^{14} \rightarrow -139.045 + 0. \, \text{i}, p \, x^{15} \rightarrow 0. + 75.975 \, \text{i}, \\ &x^{16} \rightarrow 33.2121, p^{10} \, x^8 \rightarrow 18\,280.6 + 0. \, \text{i}, p^9 \, x^9 \rightarrow 0. - 5645.39 \, \text{i}, p^8 \, x^{10} \rightarrow 5240.32 + 0. \, \text{i}, \\ &p^7 \, x^{11} \rightarrow 0. - 938.236 \, \text{i}, p^6 \, x^{12} \rightarrow 1638.83 + 0. \, \text{i}, p^5 \, x^{13} \rightarrow 0. - 651.351 \, \text{i}, p^4 \, x^{14} \rightarrow 513.476 + 0. \, \text{i}, \\ &p^3 \, x^{15} \rightarrow 0. - 769.754 \, \text{i}, p^2 \, x^{16} \rightarrow -545.267 + 0. \, \text{i}, p \, x^{17} \rightarrow 0. + 282.303 \, \text{i}, x^{18} \rightarrow 119.936, \\ &p^{10} \, x^{10} \rightarrow 95\,736.1 + 0. \, \text{i}, p^9 \, x^{11} \rightarrow 0. + 7266.96 \, \text{i}, p^8 \, x^{12} \rightarrow 22\,179.5 + 0. \, \text{i}, \\ &p^7 \, x^{13} \rightarrow 0. + 2422.99 \, \text{i}, p^6 \, x^{14} \rightarrow 7699.63 + 0. \, \text{i}, p^5 \, x^{15} \rightarrow 0. - 1186.15 \, \text{i}, p^4 \, x^{16} \rightarrow 3240.54 + 0. \, \text{i}, \\ &p^3 \, x^{17} \rightarrow 0. - 3571.69 \, \text{i}, p^2 \, x^{18} \rightarrow -2305.31 + 0. \, \text{i}, p \, x^{19} \rightarrow 0. + 1139.39 \, \text{i}, x^{20} \rightarrow 471.569 \end{aligned} \right\}$$