

$$Np := 9$$

$$1, 0, 1$$

$$2, 0, 1 - x$$

$$2, 1, 1$$

$$3, 0, 1 - 2x + 2/3 x^2$$

$$3, 1, 1 - 1/2 x$$

$$3, 2, 1$$

$$4, 0, 1 - 3x + 2x^2 - 1/3 x^3$$

$$4, 1, 1 - x + 1/5 x^2$$

$$4, 2, 1 - 1/3 x$$

$$4, 3, 1$$

$$5, 0, 1 - 4x + 4x^2 - 4/3 x^3 + 2/15 x^4$$

$$5, 1, 1 - 3/2 x + 3/5 x^2 - 1/15 x^3$$

$$5, 2, 1 - 2/3 x + 2/21 x^2$$

$$5, 3, 1 - 1/4 x$$

$$5, 4, 1$$

$$6, 0, 1 - 5x + \frac{20}{3} x^2 - 10/3 x^3 + 2/3 x^4 - \frac{2}{45} x^5$$

$$6, 1, 1 - 2x + 6/5 x^2 - \frac{4}{15} x^3 + \frac{2}{105} x^4$$

$$6, 2, 1 - x + 2/7 x^2 - 1/42 x^3$$

$$6, 3, 1 - 1/2 x + 1/18 x^2$$

$$6, 4, 1 - 1/5 x$$

$$6, 5, 1$$

$$7, 0, 1 - 6x + 10x^2 - \frac{20}{3} x^3 + 2x^4 - \frac{4}{15} x^5 + \frac{4}{315} x^6$$

$$7, 1, 1 - 5/2 x + 2x^2 - 2/3 x^3 + 2/21 x^4 - \frac{1}{210} x^5$$

$$7, 2, 1 - 4/3 x + 4/7 x^2 - 2/21 x^3 + \frac{1}{189} x^4$$

$$\begin{aligned}
& 7, 3, 1 - 3/4x + 1/6x^2 - \frac{1}{90}x^3 \\
& 7, 4, 1 - 2/5x + \frac{2}{55}x^2 \\
& 7, 5, 1 - 1/6x \\
& 7, 6, 1 \\
& 8, 0, 1 - 7x + 14x^2 - \frac{35}{3}x^3 + 14/3x^4 - \frac{14}{15}x^5 + \frac{4}{45}x^6 - \frac{1}{315}x^7 \\
& 8, 1, 1 - 3x + 3x^2 - 4/3x^3 + 2/7x^4 - 1/35x^5 + \frac{1}{945}x^6 \\
& 8, 2, 1 - 5/3x + \frac{20}{21}x^2 - \frac{5}{21}x^3 + \frac{5}{189}x^4 - \frac{1}{945}x^5 \\
& 8, 3, 1 - x + 1/3x^2 - \frac{2}{45}x^3 + \frac{1}{495}x^4 \\
& 8, 4, 1 - 3/5x + \frac{6}{55}x^2 - \frac{1}{165}x^3 \\
& 8, 5, 1 - 1/3x + 1/39x^2 \\
& 8, 6, 1 - 1/7x \\
& 8, 7, 1 \\
& 9, 0, 1 - 8x + \frac{56}{3}x^2 - \frac{56}{3}x^3 + \frac{28}{3}x^4 - \frac{112}{45}x^5 + \frac{16}{45}x^6 - \frac{8}{315}x^7 + \frac{2}{2835}x^8 \\
& 9, 1, 1 - 7/2x + \frac{21}{5}x^2 - 7/3x^3 + 2/3x^4 - 1/10x^5 + \frac{1}{135}x^6 - \frac{1}{4725}x^7 \\
& 9, 2, 1 - 2x + \frac{10}{7}x^2 - \frac{10}{21}x^3 + \frac{5}{63}x^4 - \frac{2}{315}x^5 + \frac{2}{10395}x^6 \\
& 9, 3, 1 - 5/4x + 5/9x^2 - 1/9x^3 + \frac{1}{99}x^4 - \frac{1}{2970}x^5 \\
& 9, 4, 1 - 4/5x + \frac{12}{55}x^2 - \frac{4}{165}x^3 + \frac{2}{2145}x^4 \\
& 9, 5, 1 - 1/2x + 1/13x^2 - \frac{1}{273}x^3 \\
& 9, 6, 1 - 2/7x + \frac{2}{105}x^2 \\
& 9, 7, 1 - 1/8x \\
& 9, 8, 1
\end{aligned}$$