

$m[=j]:= \text{Jmin2Amod128n59} =$

$$\begin{aligned} & \left\{ x^{58} (69 + x), x^{56} (4 + 69 x^2 + x^3), x^{56} (16 + 69 x^2 + x^3), x^{56} (20 + 69 x^2 + x^3), \right. \\ & x^{56} (32 + 69 x^2 + x^3), x^{56} (36 + 69 x^2 + x^3), x^{56} (48 + 69 x^2 + x^3), x^{56} (52 + 69 x^2 + x^3), \\ & x^{56} (64 + 69 x^2 + x^3), x^{56} (68 + 69 x^2 + x^3), x^{56} (80 + 69 x^2 + x^3), x^{56} (84 + 69 x^2 + x^3), \\ & x^{56} (96 + 69 x^2 + x^3), x^{56} (100 + 69 x^2 + x^3), x^{56} (112 + 69 x^2 + x^3), x^{56} (116 + 69 x^2 + x^3), \\ & x^{54} (1 + x) (16 + 80 x - 68 x^2 + 68 x^3 + x^4), x^{55} (32 + 69 x^3 + x^4), x^{55} (64 + 69 x^3 + x^4), \\ & x^{55} (96 + 69 x^3 + x^4), x^{55} (32 + 4 x + 69 x^3 + x^4), x^{55} (64 + 4 x + 69 x^3 + x^4), \\ & x^{55} (96 + 4 x + 69 x^3 + x^4), x^{55} (32 + 16 x + 69 x^3 + x^4), x^{55} (64 + 16 x + 69 x^3 + x^4), \\ & x^{55} (96 + 16 x + 69 x^3 + x^4), x^{55} (32 + 20 x + 69 x^3 + x^4), x^{55} (64 + 20 x + 69 x^3 + x^4), \\ & x^{55} (96 + 20 x + 69 x^3 + x^4), x^{55} (32 + 32 x + 69 x^3 + x^4), x^{55} (64 + 32 x + 69 x^3 + x^4), \\ & x^{55} (96 + 32 x + 69 x^3 + x^4), x^{55} (32 + 36 x + 69 x^3 + x^4), x^{55} (64 + 36 x + 69 x^3 + x^4), \\ & x^{55} (96 + 36 x + 69 x^3 + x^4), x^{55} (32 + 48 x + 69 x^3 + x^4), x^{55} (64 + 48 x + 69 x^3 + x^4), \\ & x^{55} (96 + 48 x + 69 x^3 + x^4), x^{55} (32 + 52 x + 69 x^3 + x^4), x^{55} (64 + 52 x + 69 x^3 + x^4), \\ & x^{55} (96 + 52 x + 69 x^3 + x^4), x^{55} (32 + 64 x + 69 x^3 + x^4), x^{55} (64 + 64 x + 69 x^3 + x^4), \\ & x^{55} (96 + 64 x + 69 x^3 + x^4), x^{55} (32 + 68 x + 69 x^3 + x^4), x^{55} (64 + 68 x + 69 x^3 + x^4), \\ & x^{55} (96 + 68 x + 69 x^3 + x^4), x^{55} (32 + 80 x + 69 x^3 + x^4), x^{55} (64 + 80 x + 69 x^3 + x^4), \\ & x^{55} (96 + 80 x + 69 x^3 + x^4), x^{55} (32 + 84 x + 69 x^3 + x^4), x^{55} (64 + 84 x + 69 x^3 + x^4), \\ & x^{55} (96 + 84 x + 69 x^3 + x^4), x^{55} (32 + 96 x + 69 x^3 + x^4), x^{55} (64 + 96 x + 69 x^3 + x^4), \\ & x^{55} (96 + 96 x + 69 x^3 + x^4), x^{55} (32 + 100 x + 69 x^3 + x^4), x^{55} (64 + 100 x + 69 x^3 + x^4), \\ & x^{55} (96 + 100 x + 69 x^3 + x^4), x^{55} (32 + 112 x + 69 x^3 + x^4), x^{55} (64 + 112 x + 69 x^3 + x^4), \\ & x^{55} (96 + 112 x + 69 x^3 + x^4), x^{55} (32 + 116 x + 69 x^3 + x^4), x^{55} (64 + 116 x + 69 x^3 + x^4), \\ & x^{55} (96 + 116 x + 69 x^3 + x^4), x^{53} (1 + x) (64 - 48 x + 80 x^2 - 68 x^3 + 68 x^4 + x^5), \\ & x^{53} (1 + x) (64 - 16 x + 80 x^2 - 68 x^3 + 68 x^4 + x^5), \\ & x^{53} (1 + x) (64 + 16 x + 80 x^2 - 68 x^3 + 68 x^4 + x^5), x^{53} (1 + x) \\ & (64 - 48 x + 112 x^2 - 68 x^3 + 68 x^4 + x^5), x^{53} (1 + x) (64 - 16 x + 112 x^2 - 68 x^3 + 68 x^4 + x^5), \\ & x^{53} (1 + x) (64 - 48 x + 144 x^2 - 68 x^3 + 68 x^4 + x^5), x^{54} (32 + 69 x^4 + x^5), \\ & x^{54} (64 + 69 x^4 + x^5), x^{54} (96 + 69 x^4 + x^5), x^{54} (32 + 32 x + 69 x^4 + x^5), \\ & x^{54} (64 + 32 x + 69 x^4 + x^5), x^{54} (96 + 32 x + 69 x^4 + x^5), x^{54} (32 + 64 x + 69 x^4 + x^5), \\ & x^{54} (64 + 64 x + 69 x^4 + x^5), x^{54} (96 + 64 x + 69 x^4 + x^5), x^{54} (32 + 96 x + 69 x^4 + x^5), \\ & x^{54} (64 + 96 x + 69 x^4 + x^5), x^{54} (96 + 96 x + 69 x^4 + x^5), x^{54} (32 + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (64 + 4 x^2 + 69 x^4 + x^5), x^{54} (96 + 4 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (64 + 32 x + 4 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (32 + 64 x + 4 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (96 + 64 x + 4 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (64 + 96 x + 4 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 4 x^2 + 69 x^4 + x^5), \\ & x^{54} (16 + 16 x + 8 x^2 + 69 x^4 + x^5), x^{54} (48 + 16 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (80 + 16 x + 8 x^2 + 69 x^4 + x^5), x^{54} (112 + 16 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (16 + 48 x + 8 x^2 + 69 x^4 + x^5), x^{54} (48 + 48 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (80 + 48 x + 8 x^2 + 69 x^4 + x^5), x^{54} (112 + 48 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (16 + 80 x + 8 x^2 + 69 x^4 + x^5), x^{54} (48 + 80 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (80 + 80 x + 8 x^2 + 69 x^4 + x^5), x^{54} (112 + 80 x + 8 x^2 + 69 x^4 + x^5), \\ & x^{54} (16 + 112 x + 8 x^2 + 69 x^4 + x^5), x^{54} (48 + 112 x + 8 x^2 + 69 x^4 + x^5), \end{aligned}$$

$$\begin{aligned}
& x^{54} (80 + 112 x + 8 x^2 + 69 x^4 + x^5), x^{54} (112 + 112 x + 8 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 12 x^2 + 69 x^4 + x^5), x^{54} (48 + 12 x^2 + 69 x^4 + x^5), x^{54} (80 + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 12 x^2 + 69 x^4 + x^5), x^{54} (16 + 32 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 32 x + 12 x^2 + 69 x^4 + x^5), x^{54} (80 + 32 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 32 x + 12 x^2 + 69 x^4 + x^5), x^{54} (16 + 64 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 64 x + 12 x^2 + 69 x^4 + x^5), x^{54} (80 + 64 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 64 x + 12 x^2 + 69 x^4 + x^5), x^{54} (48 + 96 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 96 x + 12 x^2 + 69 x^4 + x^5), x^{54} (112 + 96 x + 12 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 16 x^2 + 69 x^4 + x^5), x^{54} (64 + 16 x^2 + 69 x^4 + x^5), x^{54} (96 + 16 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 32 x + 16 x^2 + 69 x^4 + x^5), x^{54} (64 + 32 x + 16 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 32 x + 16 x^2 + 69 x^4 + x^5), x^{54} (32 + 64 x + 16 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 64 x + 16 x^2 + 69 x^4 + x^5), x^{54} (96 + 64 x + 16 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 96 x + 16 x^2 + 69 x^4 + x^5), x^{54} (64 + 96 x + 16 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 96 x + 16 x^2 + 69 x^4 + x^5), x^{54} (32 + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 20 x^2 + 69 x^4 + x^5), x^{54} (96 + 20 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x + 20 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 64 x + 20 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 64 x + 20 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 96 x + 20 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 20 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 16 x + 24 x^2 + 69 x^4 + x^5), x^{54} (48 + 16 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 16 x + 24 x^2 + 69 x^4 + x^5), x^{54} (112 + 16 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 48 x + 24 x^2 + 69 x^4 + x^5), x^{54} (48 + 48 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 48 x + 24 x^2 + 69 x^4 + x^5), x^{54} (112 + 48 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 80 x + 24 x^2 + 69 x^4 + x^5), x^{54} (48 + 80 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 80 x + 24 x^2 + 69 x^4 + x^5), x^{54} (112 + 80 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 112 x + 24 x^2 + 69 x^4 + x^5), x^{54} (48 + 112 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 112 x + 24 x^2 + 69 x^4 + x^5), x^{54} (112 + 112 x + 24 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 28 x^2 + 69 x^4 + x^5), x^{54} (48 + 28 x^2 + 69 x^4 + x^5), x^{54} (80 + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 28 x^2 + 69 x^4 + x^5), x^{54} (16 + 32 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 32 x + 28 x^2 + 69 x^4 + x^5), x^{54} (80 + 32 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 32 x + 28 x^2 + 69 x^4 + x^5), x^{54} (16 + 64 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 64 x + 28 x^2 + 69 x^4 + x^5), x^{54} (80 + 64 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 64 x + 28 x^2 + 69 x^4 + x^5), x^{54} (16 + 96 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 96 x + 28 x^2 + 69 x^4 + x^5), x^{54} (80 + 96 x + 28 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 96 x + 28 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x + 32 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 64 x + 32 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 64 x + 32 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 96 x + 32 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 32 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 36 x^2 + 69 x^4 + x^5), x^{54} (64 + 36 x^2 + 69 x^4 + x^5), x^{54} (96 + 36 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 32 x + 36 x^2 + 69 x^4 + x^5), x^{54} (64 + 32 x + 36 x^2 + 69 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& x^{54} (96 + 32x + 36x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 36x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 36x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 36x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 36x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 36x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 36x^2 + 69x^4 + x^5), x^{54} (16 + 16x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 16x + 40x^2 + 69x^4 + x^5), x^{54} (80 + 16x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 16x + 40x^2 + 69x^4 + x^5), x^{54} (16 + 48x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 48x + 40x^2 + 69x^4 + x^5), x^{54} (80 + 48x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 48x + 40x^2 + 69x^4 + x^5), x^{54} (16 + 80x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 80x + 40x^2 + 69x^4 + x^5), x^{54} (80 + 80x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 80x + 40x^2 + 69x^4 + x^5), x^{54} (16 + 112x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 112x + 40x^2 + 69x^4 + x^5), x^{54} (80 + 112x + 40x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 112x + 40x^2 + 69x^4 + x^5), x^{54} (16 + 44x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 44x^2 + 69x^4 + x^5), x^{54} (80 + 44x^2 + 69x^4 + x^5), x^{54} (112 + 44x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 32x + 44x^2 + 69x^4 + x^5), x^{54} (48 + 32x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 32x + 44x^2 + 69x^4 + x^5), x^{54} (112 + 32x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 64x + 44x^2 + 69x^4 + x^5), x^{54} (48 + 64x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 64x + 44x^2 + 69x^4 + x^5), x^{54} (112 + 64x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 96x + 44x^2 + 69x^4 + x^5), x^{54} (48 + 96x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 96x + 44x^2 + 69x^4 + x^5), x^{54} (112 + 96x + 44x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 48x^2 + 69x^4 + x^5), x^{54} (64 + 48x^2 + 69x^4 + x^5), x^{54} (96 + 48x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 48x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 48x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 32x + 48x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 48x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 48x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 48x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 48x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 48x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 48x^2 + 69x^4 + x^5), x^{54} (32 + 52x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 52x^2 + 69x^4 + x^5), x^{54} (96 + 52x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 52x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 52x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 52x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 52x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 52x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 52x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 52x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 52x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 52x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 16x + 56x^2 + 69x^4 + x^5), x^{54} (48 + 16x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 16x + 56x^2 + 69x^4 + x^5), x^{54} (112 + 16x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 48x + 56x^2 + 69x^4 + x^5), x^{54} (48 + 48x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 48x + 56x^2 + 69x^4 + x^5), x^{54} (112 + 48x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 80x + 56x^2 + 69x^4 + x^5), x^{54} (48 + 80x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 80x + 56x^2 + 69x^4 + x^5), x^{54} (112 + 80x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 112x + 56x^2 + 69x^4 + x^5), x^{54} (48 + 112x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 112x + 56x^2 + 69x^4 + x^5), x^{54} (112 + 112x + 56x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 60x^2 + 69x^4 + x^5), x^{54} (48 + 60x^2 + 69x^4 + x^5), x^{54} (80 + 60x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 60x^2 + 69x^4 + x^5), x^{54} (16 + 32x + 60x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 32x + 60x^2 + 69x^4 + x^5), x^{54} (80 + 32x + 60x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 32x + 60x^2 + 69x^4 + x^5), x^{54} (16 + 64x + 60x^2 + 69x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& x^{54} (48 + 64 x + 60 x^2 + 69 x^4 + x^5), x^{54} (80 + 64 x + 60 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 64 x + 60 x^2 + 69 x^4 + x^5), x^{54} (16 + 96 x + 60 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 96 x + 60 x^2 + 69 x^4 + x^5), x^{54} (80 + 96 x + 60 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 96 x + 60 x^2 + 69 x^4 + x^5), x^{54} (32 + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 64 x^2 + 69 x^4 + x^5), x^{54} (96 + 64 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x + 64 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 64 x + 64 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 64 x + 64 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 96 x + 64 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 64 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 68 x^2 + 69 x^4 + x^5), x^{54} (64 + 68 x^2 + 69 x^4 + x^5), x^{54} (96 + 68 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 32 x + 68 x^2 + 69 x^4 + x^5), x^{54} (64 + 32 x + 68 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 32 x + 68 x^2 + 69 x^4 + x^5), x^{54} (32 + 64 x + 68 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 64 x + 68 x^2 + 69 x^4 + x^5), x^{54} (96 + 64 x + 68 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 96 x + 68 x^2 + 69 x^4 + x^5), x^{54} (64 + 96 x + 68 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 96 x + 68 x^2 + 69 x^4 + x^5), x^{54} (16 + 16 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 16 x + 72 x^2 + 69 x^4 + x^5), x^{54} (80 + 16 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 16 x + 72 x^2 + 69 x^4 + x^5), x^{54} (16 + 48 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 48 x + 72 x^2 + 69 x^4 + x^5), x^{54} (80 + 48 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 48 x + 72 x^2 + 69 x^4 + x^5), x^{54} (16 + 80 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 80 x + 72 x^2 + 69 x^4 + x^5), x^{54} (80 + 80 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 80 x + 72 x^2 + 69 x^4 + x^5), x^{54} (16 + 112 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 112 x + 72 x^2 + 69 x^4 + x^5), x^{54} (80 + 112 x + 72 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 112 x + 72 x^2 + 69 x^4 + x^5), x^{54} (16 + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 76 x^2 + 69 x^4 + x^5), x^{54} (80 + 76 x^2 + 69 x^4 + x^5), x^{54} (112 + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 32 x + 76 x^2 + 69 x^4 + x^5), x^{54} (48 + 32 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 32 x + 76 x^2 + 69 x^4 + x^5), x^{54} (112 + 32 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 64 x + 76 x^2 + 69 x^4 + x^5), x^{54} (48 + 64 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 64 x + 76 x^2 + 69 x^4 + x^5), x^{54} (112 + 64 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 96 x + 76 x^2 + 69 x^4 + x^5), x^{54} (48 + 96 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (80 + 96 x + 76 x^2 + 69 x^4 + x^5), x^{54} (112 + 96 x + 76 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 80 x^2 + 69 x^4 + x^5), x^{54} (64 + 80 x^2 + 69 x^4 + x^5), x^{54} (96 + 80 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 32 x + 80 x^2 + 69 x^4 + x^5), x^{54} (64 + 32 x + 80 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 32 x + 80 x^2 + 69 x^4 + x^5), x^{54} (32 + 64 x + 80 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 64 x + 80 x^2 + 69 x^4 + x^5), x^{54} (96 + 64 x + 80 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 96 x + 80 x^2 + 69 x^4 + x^5), x^{54} (64 + 96 x + 80 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 96 x + 80 x^2 + 69 x^4 + x^5), x^{54} (32 + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 84 x^2 + 69 x^4 + x^5), x^{54} (96 + 84 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x + 84 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 64 x + 84 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 64 x + 84 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 96 x + 84 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 84 x^2 + 69 x^4 + x^5), \\
& x^{54} (16 + 16 x + 88 x^2 + 69 x^4 + x^5), x^{54} (48 + 16 x + 88 x^2 + 69 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& x^{54} (80 + 16x + 88x^2 + 69x^4 + x^5), x^{54} (112 + 16x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 48x + 88x^2 + 69x^4 + x^5), x^{54} (48 + 48x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 48x + 88x^2 + 69x^4 + x^5), x^{54} (112 + 48x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 80x + 88x^2 + 69x^4 + x^5), x^{54} (48 + 80x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 80x + 88x^2 + 69x^4 + x^5), x^{54} (112 + 80x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 112x + 88x^2 + 69x^4 + x^5), x^{54} (48 + 112x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 112x + 88x^2 + 69x^4 + x^5), x^{54} (112 + 112x + 88x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 92x^2 + 69x^4 + x^5), x^{54} (48 + 92x^2 + 69x^4 + x^5), x^{54} (80 + 92x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 92x^2 + 69x^4 + x^5), x^{54} (16 + 32x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 32x + 92x^2 + 69x^4 + x^5), x^{54} (80 + 32x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 32x + 92x^2 + 69x^4 + x^5), x^{54} (16 + 64x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 64x + 92x^2 + 69x^4 + x^5), x^{54} (80 + 64x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 64x + 92x^2 + 69x^4 + x^5), x^{54} (16 + 96x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 96x + 92x^2 + 69x^4 + x^5), x^{54} (80 + 96x + 92x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 96x + 92x^2 + 69x^4 + x^5), x^{54} (32 + 96x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x^2 + 69x^4 + x^5), x^{54} (96 + 96x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 96x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 96x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 96x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 96x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 96x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 96x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 96x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 96x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 96x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 100x^2 + 69x^4 + x^5), x^{54} (64 + 100x^2 + 69x^4 + x^5), x^{54} (96 + 100x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 100x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 100x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 32x + 100x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 100x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 100x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 100x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 100x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 100x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 100x^2 + 69x^4 + x^5), x^{54} (16 + 16x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 16x + 104x^2 + 69x^4 + x^5), x^{54} (80 + 16x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 16x + 104x^2 + 69x^4 + x^5), x^{54} (16 + 48x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 48x + 104x^2 + 69x^4 + x^5), x^{54} (80 + 48x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 48x + 104x^2 + 69x^4 + x^5), x^{54} (16 + 80x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 80x + 104x^2 + 69x^4 + x^5), x^{54} (80 + 80x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 80x + 104x^2 + 69x^4 + x^5), x^{54} (16 + 112x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 112x + 104x^2 + 69x^4 + x^5), x^{54} (80 + 112x + 104x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 112x + 104x^2 + 69x^4 + x^5), x^{54} (16 + 108x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 108x^2 + 69x^4 + x^5), x^{54} (80 + 108x^2 + 69x^4 + x^5), x^{54} (112 + 108x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 32x + 108x^2 + 69x^4 + x^5), x^{54} (48 + 32x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 32x + 108x^2 + 69x^4 + x^5), x^{54} (112 + 32x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 64x + 108x^2 + 69x^4 + x^5), x^{54} (48 + 64x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 64x + 108x^2 + 69x^4 + x^5), x^{54} (112 + 64x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 96x + 108x^2 + 69x^4 + x^5), x^{54} (48 + 96x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 96x + 108x^2 + 69x^4 + x^5), x^{54} (112 + 96x + 108x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 112x^2 + 69x^4 + x^5), x^{54} (64 + 112x^2 + 69x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& x^{54} (96 + 112 x^2 + 69 x^4 + x^5), x^{54} (32 + 32 x + 112 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 32 x + 112 x^2 + 69 x^4 + x^5), x^{54} (96 + 32 x + 112 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 64 x + 112 x^2 + 69 x^4 + x^5), x^{54} (64 + 64 x + 112 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 64 x + 112 x^2 + 69 x^4 + x^5), x^{54} (32 + 96 x + 112 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 96 x + 112 x^2 + 69 x^4 + x^5), x^{54} (96 + 96 x + 112 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 116 x^2 + 69 x^4 + x^5), x^{54} (64 + 116 x^2 + 69 x^4 + x^5), x^{54} (96 + 116 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 32 x + 116 x^2 + 69 x^4 + x^5), x^{54} (64 + 32 x + 116 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 32 x + 116 x^2 + 69 x^4 + x^5), x^{54} (32 + 64 x + 116 x^2 + 69 x^4 + x^5), \\
& x^{54} (64 + 64 x + 116 x^2 + 69 x^4 + x^5), x^{54} (96 + 64 x + 116 x^2 + 69 x^4 + x^5), \\
& x^{54} (32 + 96 x + 116 x^2 + 69 x^4 + x^5), x^{54} (64 + 96 x + 116 x^2 + 69 x^4 + x^5), \\
& x^{54} (96 + 96 x + 116 x^2 + 69 x^4 + x^5), x^{54} (16 + 16 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 16 x + 120 x^2 + 69 x^4 + x^5), x^{54} (80 + 16 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 16 x + 120 x^2 + 69 x^4 + x^5), x^{54} (16 + 48 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 48 x + 120 x^2 + 69 x^4 + x^5), x^{54} (80 + 48 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 48 x + 120 x^2 + 69 x^4 + x^5), x^{54} (16 + 80 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 80 x + 120 x^2 + 69 x^4 + x^5), x^{54} (80 + 80 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 80 x + 120 x^2 + 69 x^4 + x^5), x^{54} (16 + 112 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 112 x + 120 x^2 + 69 x^4 + x^5), x^{54} (80 + 112 x + 120 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 112 x + 120 x^2 + 69 x^4 + x^5), x^{54} (16 + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 124 x^2 + 69 x^4 + x^5), x^{54} (80 + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 124 x^2 + 69 x^4 + x^5), x^{54} (16 + 32 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 32 x + 124 x^2 + 69 x^4 + x^5), x^{54} (80 + 32 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 32 x + 124 x^2 + 69 x^4 + x^5), x^{54} (16 + 64 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 64 x + 124 x^2 + 69 x^4 + x^5), x^{54} (80 + 64 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 64 x + 124 x^2 + 69 x^4 + x^5), x^{54} (16 + 96 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (48 + 96 x + 124 x^2 + 69 x^4 + x^5), x^{54} (80 + 96 x + 124 x^2 + 69 x^4 + x^5), \\
& x^{54} (112 + 96 x + 124 x^2 + 69 x^4 + x^5), x^{52} (2 - x + x^2) (32 + 16 x + 40 x^2 + 68 x^3 + 70 x^4 + x^5), \\
& x^{52} (1 + x) (64 + 16 x^2 + 96 x^3 - 68 x^4 + 68 x^5 + x^6), x^{53} (64 + 69 x^5 + x^6), \\
& x^{53} (64 + 32 x + 69 x^5 + x^6), x^{53} (64 + 64 x + 69 x^5 + x^6), x^{53} (64 + 96 x + 69 x^5 + x^6), \\
& x^{53} (64 + 32 x^2 + 69 x^5 + x^6), x^{53} (64 + 32 x + 32 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 32 x^2 + 69 x^5 + x^6), x^{53} (64 + 96 x + 32 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x^2 + 69 x^5 + x^6), x^{53} (64 + 32 x + 64 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 64 x^2 + 69 x^5 + x^6), x^{53} (64 + 96 x + 64 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 96 x^2 + 69 x^5 + x^6), x^{53} (64 + 32 x + 96 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 96 x^2 + 69 x^5 + x^6), x^{53} (64 + 96 x + 96 x^2 + 69 x^5 + x^6), \\
& x^{53} (64 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 32 x + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 96 x + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 32 x^2 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 32 x + 32 x^2 + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 32 x^2 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 96 x + 32 x^2 + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x^2 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 32 x + 64 x^2 + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 64 x + 64 x^2 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 96 x + 64 x^2 + 4 x^3 + 69 x^5 + x^6), \\
& x^{53} (64 + 96 x^2 + 4 x^3 + 69 x^5 + x^6), x^{53} (64 + 32 x + 96 x^2 + 4 x^3 + 69 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& x^{52} (64 + 64x + 96x^2 + 112x^3 + 96x^4 + 69x^6 + x^7), \quad x^{52} (64 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 32x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 32x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 64x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 96x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 96x^2 + 16x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 32x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 32x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 64x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 96x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 96x^2 + 48x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 32x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 32x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 64x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 96x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 96x^2 + 80x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 32x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 32x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 64x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 96x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 96x^2 + 112x^3 + 100x^4 + 69x^6 + x^7), \quad x^{52} (64 + 16x^2 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 104x^4 + 69x^6 + x^7), \quad x^{52} (64 + 48x^2 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 104x^4 + 69x^6 + x^7), \quad x^{52} (64 + 80x^2 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 104x^4 + 69x^6 + x^7), \quad x^{52} (64 + 112x^2 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 104x^4 + 69x^6 + x^7), \quad x^{52} (64 + 16x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 112x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 32x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 16x^2 + 64x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 64x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 64x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 64x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 64x^3 + 104x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 64x^3 + 104x^4 + 69x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& x^{52} (64 + 112 x^2 + 64 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 64 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 96 x^3 + 104 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 16 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 48 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 80 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 112 x^3 + 108 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 16 x^3 + 112 x^4 + 69 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& x^{52} (64 + 64 x + 32 x^2 + 112 x^3 + 116 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x^2 + 112 x^3 + 116 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 64 x^2 + 112 x^3 + 116 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 96 x^2 + 112 x^3 + 116 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 96 x^2 + 112 x^3 + 116 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 16 x^2 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 120 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 48 x^2 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 120 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 80 x^2 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 120 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 112 x^2 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 120 x^4 + 69 x^6 + x^7), \quad x^{52} (64 + 16 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 32 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 64 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 96 x^3 + 120 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 16 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& x^{52} (64 + 48 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 48 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 80 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 16 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 16 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 48 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 48 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 80 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 80 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 112 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7), \\
& x^{52} (64 + 64 x + 112 x^2 + 112 x^3 + 124 x^4 + 69 x^6 + x^7) \};
\end{aligned}$$

```
Jmin2Amod128n59 = randJmin2A[59, 128, 20000, Jmin2Amod128n59];
```

In[5]:= Length[Jmin2Amod128n59]

Out[5]= 2048

$$\begin{aligned}
& \text{Smod128n59unrefined} = \{ (1+x)^{53} (278 + 687 x + 945 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (438 + 975 x + 1137 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (274 + 465 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (342 + 751 x + 945 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (130 + 305 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), (1+x)^{54} \\
& (258 + 401 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), (1+x)^{55} (186 + 263 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (322 + 1093 x + 1960 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (258 + 561 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (250 + 645 x + 1224 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (258 + 497 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1221 x + 1928 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (498 + 1349 x + 1960 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 635 x + 829 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (246 + 661 x + 1200 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 837 x + 1448 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 821 x + 1392 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7) \},
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (338 + 771 x + 981 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (230 + 543 x + 833 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (242 + 579 x + 885 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (206 + 677 x + 1408 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (270 + 551 x + 777 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (278 + 719 x + 1009 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (258 + 563 x + 837 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1029 x + 1544 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 997 x + 1600 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (526 + 1477 x + 2176 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (206 + 455 x + 745 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (242 + 465 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (210 + 613 x + 1224 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (454 + 1301 x + 2032 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1093 x + 1896 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 901 x + 1576 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 639 x + 993 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (226 + 337 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 1173 x + 1872 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 699 x + 861 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), (1+x)^{55} \\
& (198 + 243 x + 213 x^2 + 73 x^3 + x^4), (1+x)^{54} (234 + 513 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (358 + 917 x + 1488 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (150 + 377 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (186 + 385 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (274 + 529 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (226 + 369 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (270 + 741 x + 1312 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 739 x + 885 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (406 + 1077 x + 1680 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 811 x + 1069 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (198 + 409 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (294 + 505 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (430 + 903 x + 1033 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (330 + 869 x + 1448 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (242 + 611 x + 917 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (326 + 831 x + 1089 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (398 + 871 x + 1065 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 759 x + 889 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (270 + 647 x + 905 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (322 + 1061 x + 1896 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 709 x + 1288 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (290 + 529 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (406 + 1045 x + 1584 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 1013 x + 1872 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (230 + 345 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (294 + 949 x + 1680 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1029 x + 1704 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (122 + 321 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (182 + 495 x + 849 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (218 + 263 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (314 + 805 x + 1384 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (306 + 593 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (294 + 671 x + 897 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (306 + 561 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 1237 x + 2032 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 933 x + 1568 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (186 + 449 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (314 + 795 x + 1053 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (130 + 337 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (306 + 529 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (310 + 505 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (230 + 757 x + 1488 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (414 + 1157 x + 1856 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 901 x + 1544 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 805 x + 1312 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (202 + 449 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), (1+x)^{55} \\
& (150 + 227 x + 213 x^2 + 73 x^3 + x^4), (1+x)^{54} (170 + 321 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (374 + 847 x + 1041 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 853 x + 1488 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 409 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (266 + 417 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 965 x + 1672 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (306 + 739 x + 1013 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (306 + 771 x + 1077 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (386 + 1157 x + 1864 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 731 x + 989 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (290 + 773 x + 1384 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (246 + 409 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (338 + 835 x + 1077 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (270 + 869 x + 1632 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (338 + 835 x + 1109 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (154 + 263 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (334 + 1125 x + 1984 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1029 x + 1696 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (278 + 591 x + 817 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (310 + 751 x + 1041 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (246 + 591 x + 849 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1157 x + 1888 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 787 x + 1029 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (270 + 805 x + 1472 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (218 + 539 x + 829 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (146 + 369 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (414 + 1189 x + 1920 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 1125 x + 1792 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (182 + 377 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (350 + 505 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (322 + 723 x + 965 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (338 + 739 x + 949 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (250 + 295 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (406 + 1141 x + 1840 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (226 + 563 x + 869 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (342 + 815 x + 1073 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (266 + 619 x + 909 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \quad (1+x)^{56} \\
& \quad (134 + 141 x + 72 x^2 + x^3), \quad (1+x)^{53} (386 + 819 x + 997 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (106 + 289 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (202 + 677 x + 1416 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (298 + 747 x + 1005 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 465 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (270 + 615 x + 873 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (298 + 779 x + 1069 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (250 + 699 x + 1053 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (2+ x) (161 + 281 x + 326 x^2 + 214 x^3 + 73 x^4 + x^5), \\
& (1+x)^{53} (334 + 743 x + 969 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (226 + 529 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (338 + 803 x + 1045 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (234 + 481 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (346 + 795 x + 1021 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (302 + 615 x + 809 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (254 + 409 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (262 + 505 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (214 + 725 x + 1488 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (218 + 603 x + 957 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (334 + 901 x + 1504 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 885 x + 1584 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1189 x + 2016 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (346 + 545 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (306 + 625 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (234 + 385 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (334 + 473 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (234 + 651 x + 1005 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (366 + 839 x + 1065 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (378 + 997 x + 1608 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (350 + 569 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 997 x + 1696 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (454 + 1237 x + 1872 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (366 + 775 x + 969 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (2+x) (161 + 313 x + 358 x^2 + 214 x^3 + 73 x^4 + x^5), \\
& (1+x)^{52} (494 + 1381 x + 2080 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (198 + 479 x + 801 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (198 + 377 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (330 + 933 x + 1608 x^2 + 1703 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 1013 x + 1808 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1029 x + 1672 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 663 x + 921 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (202 + 353 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (250 + 677 x + 1320 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 901 x + 1472 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (334 + 601 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (306 + 739 x + 981 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (298 + 577 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (426 + 1157 x + 1800 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (170 + 279 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (322 + 901 x + 1576 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (254 + 567 x + 825 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 901 x + 1512 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (398 + 601 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (294 + 735 x + 1025 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (266 + 513 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 901 x + 1536 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1157 x + 1760 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 805 x + 1384 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 773 x + 1312 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (178 + 451 x + 789 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 965 x + 1664 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (218 + 645 x + 1256 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1061 x + 1832 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (238 + 741 x + 1408 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 571 x + 797 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (410 + 1221 x + 1992 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1029 x + 1704 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 537 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (202 + 491 x + 781 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 919 x + 1145 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 465 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 1045 x + 1680 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 505 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (378 + 1189 x + 1960 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (282 + 481 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (414 + 633 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (362 + 875 x + 1101 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 869 x + 1536 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 901 x + 1632 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (214 + 661 x + 1296 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (286 + 505 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (302 + 805 x + 1440 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1285 x + 2080 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (222 + 567 x + 889 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (266 + 587 x + 813 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (334 + 869 x + 1440 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 805 x + 1416 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 529 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (310 + 917 x + 1680 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 675 x + 981 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (278 + 473 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (290 + 529 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (238 + 505 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (442 + 1285 x + 2024 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (338 + 675 x + 853 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 529 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (350 + 869 x + 1408 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 837 x + 1512 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 479 x + 737 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (138 + 321 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (514 + 1413 x + 2056 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 901 x + 1512 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (210 + 677 x + 1384 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (86 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (382 + 1093 x + 1696 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (338 + 561 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (398 + 1221 x + 1984 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (190 + 409 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (278 + 559 x + 785 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (330 + 843 x + 1101 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (354 + 997 x + 1672 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (278 + 505 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (278 + 853 x + 1552 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1029 x + 1576 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (246 + 505 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (218 + 385 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (262 + 575 x + 801 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (266 + 449 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (302 + 869 x + 1600 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 735 x + 993 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (306 + 465 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1189 x + 1832 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 575 x + 865 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (254 + 473 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (246 + 323 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (370 + 901 x + 1384 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 885 x + 1616 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (206 + 409 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1189 x + 1928 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (302 + 775 x + 1065 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (266 + 805 x + 1448 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (338 + 593 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (254 + 663 x + 985 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (234 + 459 x + 717 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (438 + 1269 x + 2000 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 965 x + 1696 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 901 x + 1600 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 757 x + 1296 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (290 + 561 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (318 + 869 x + 1408 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (494 + 1413 x + 2144 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 537 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (282 + 513 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (218 + 327 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{54} (286 + 537 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (430 + 967 x + 1129 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (230 + 789 x + 1584 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 933 x + 1696 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 741 x + 1448 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (418 + 1125 x + 1736 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1125 x + 1704 x^2 + 1703 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 965 x + 1512 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 819 x + 1029 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (342 + 981 x + 1584 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (342 + 783 x + 1009 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (186 + 353 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (350 + 1061 x + 1760 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (378 + 609 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1221 x + 1896 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 607 x + 833 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (190 + 473 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1125 x + 1672 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 759 x + 1017 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (234 + 491 x + 749 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 997 x + 1640 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 789 x + 1392 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 853 x + 1584 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 441 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (342 + 1141 x + 1968 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 677 x + 1184 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (482 + 1285 x + 1864 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (262 + 543 x + 769 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (310 + 655 x + 849 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (390 + 1045 x + 1648 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 965 x + 1536 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (290 + 401 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (266 + 555 x + 813 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (282 + 869 x + 1576 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (134 + 211 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (250 + 603 x + 893 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (258 + 595 x + 869 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (302 + 505 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (318 + 569 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (170 + 353 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 1205 x + 1936 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 763 x + 989 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (302 + 569 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (182 + 431 x + 753 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (218 + 513 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (406 + 1109 x + 1744 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1029 x + 1728 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{55} (214 + 323 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (338 + 965 x + 1544 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (446 + 1189 x + 1792 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (182 + 291 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (302 + 933 x + 1632 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (338 + 739 x + 981 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (210 + 465 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (322 + 561 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (278 + 569 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (418 + 915 x + 1093 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (346 + 1093 x + 1832 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 1029 x + 1768 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (198 + 307 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (326 + 1109 x + 1968 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (266 + 741 x + 1320 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1125 x + 1864 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 741 x + 1320 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 473 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 981 x + 1488 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 377 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (238 + 677 x + 1280 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 805 x + 1544 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 703 x + 961 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (262 + 789 x + 1424 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 631 x + 889 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (334 + 679 x + 841 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (378 + 933 x + 1416 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 949 x + 1648 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 1029 x + 1864 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1157 x + 1800 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (414 + 983 x + 1177 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (398 + 871 x + 1033 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (146 + 337 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (298 + 1029 x + 1896 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (410 + 1157 x + 1864 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 869 x + 1472 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (270 + 741 x + 1408 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (266 + 651 x + 941 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1189 x + 1888 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 901 x + 1640 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 901 x + 1536 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (182 + 565 x + 1200 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (366 + 1093 x + 1792 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (326 + 569 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (314 + 577 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (430 + 1189 x + 1856 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (246 + 655 x + 977 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (334 + 839 x + 1097 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (270 + 933 x + 1792 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (402 + 1093 x + 1736 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (510 + 1413 x + 2080 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 727 x + 1017 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (286 + 473 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (350 + 997 x + 1600 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 731 x + 1021 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (246 + 591 x + 881 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1093 x + 1728 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (250 + 635 x + 925 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (214 + 591 x + 945 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (386 + 915 x + 1125 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (454 + 1333 x + 2096 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 703 x + 993 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (166 + 345 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 1061 x + 1728 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (234 + 523 x + 781 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (302 + 743 x + 1033 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (170 + 385 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (478 + 1285 x + 1888 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 917 x + 1584 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 789 x + 1488 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 715 x + 941 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (222 + 441 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 805 x + 1384 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 981 x + 1680 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 933 x + 1504 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 1061 x + 1800 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 965 x + 1640 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (414 + 1253 x + 1984 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 949 x + 1616 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 569 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (438 + 1141 x + 1680 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (370 + 561 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (306 + 675 x + 917 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (390 + 1141 x + 1904 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (306 + 611x + 821x^2 + 738x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (262 + 607x + 897x^2 + 774x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (270 + 679x + 969x^2 + 782x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (390 + 1205x + 1968x^2 + 1911x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (226 + 677x + 1320x^2 + 1543x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (330 + 997x + 1672x^2 + 1703x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (242 + 497x + 484x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (206 + 313x + 432x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (402 + 1189x + 1960x^2 + 1927x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (170 + 417x + 492x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (366 + 1157x + 1920x^2 + 1863x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (290 + 997x + 1864x^2 + 1927x^3 + 1194x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (274 + 433x + 484x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (382 + 1061x + 1760x^2 + 1831x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (322 + 869x + 1480x^2 + 1607x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (458 + 1317x + 2056x^2 + 1959x^3 + 1186x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (358 + 1109x + 1872x^2 + 1879x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (322 + 869x + 1512x^2 + 1671x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (386 + 1125x + 1768x^2 + 1735x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (282 + 805x + 1416x^2 + 1575x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (270 + 837x + 1536x^2 + 1671x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (402 + 963x + 1173x^2 + 834x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (314 + 731x + 957x^2 + 762x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (322 + 933x + 1544x^2 + 1607x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (358 + 1045x + 1808x^2 + 1879x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (294 + 789x + 1392x^2 + 1559x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (306 + 901x + 1544x^2 + 1639x^3 + 1114x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (238 + 551x + 841x^2 + 750x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (350 + 569x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{55} (230 + 307x + 213x^2 + 73x^3 + x^4), \\
& (1+x)^{53} (290 + 595x + 805x^2 + 722x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (338 + 1093x + 1896x^2 + 1895x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (254 + 569x + 544x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (266 + 773x + 1384x^2 + 1543x^3 + 1090x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (294 + 757x + 1328x^2 + 1527x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (238 + 615x + 937x^2 + 782x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (298 + 715x + 973x^2 + 778x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (358 + 1141x + 1936x^2 + 1911x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (278 + 693x + 1232x^2 + 1463x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (198 + 345x + 424x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (326 + 949x + 1552x^2 + 1591x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (374 + 1109x + 1776x^2 + 1751x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (326 + 789 x + 1296 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 853 x + 1360 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1173 x + 1936 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (358 + 799 x + 1025 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (274 + 869 x + 1576 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 345 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (266 + 709 x + 1320 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 805 x + 1288 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 885 x + 1488 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 741 x + 1288 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1221 x + 2088 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 933 x + 1504 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (230 + 441 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (334 + 537 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (278 + 409 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (434 + 931 x + 1077 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (346 + 577 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (194 + 465 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (226 + 369 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (254 + 441 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (230 + 447 x + 705 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 1029 x + 1696 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1125 x + 1856 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 505 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (166 + 533 x + 1200 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (442 + 1157 x + 1704 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 933 x + 1704 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (162 + 369 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (362 + 779 x + 973 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 933 x + 1704 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (462 + 999 x + 1129 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (318 + 695 x + 921 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (246 + 623 x + 945 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 917 x + 1552 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (374 + 879 x + 1105 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (254 + 537 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (194 + 433 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (166 + 313 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), (1+x)^{56} (74 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (374 + 917 x + 1392 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (214 + 409 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 1061 x + 1856 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (174 + 377 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (310 + 1045 x + 1872 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 611 x + 885 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (446 + 1221 x + 1888 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1093 x + 1640 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 661 x + 1296 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (254 + 805 x + 1536 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 933 x + 1632 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (390 + 1141 x + 1776 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1045 x + 1776 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 933 x + 1480 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (298 + 651 x + 909 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1093 x + 1760 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 965 x + 1480 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (454 + 1205 x + 1776 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (114 + 337 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (390 + 1173 x + 1968 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 1061 x + 1888 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1349 x + 2144 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (398 + 839 x + 1001 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (270 + 647 x + 937 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (158 + 409 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (238 + 487 x + 745 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (414 + 1125 x + 1792 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 473 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (282 + 417 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (318 + 869 x + 1504 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (410 + 923 x + 1117 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (406 + 911 x + 1105 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (378 + 1029 x + 1640 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1285 x + 2120 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 981 x + 1584 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 821 x + 1296 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 853 x + 1456 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 1013 x + 1680 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (350 + 537 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (490 + 1349 x + 1992 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 473 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (246 + 757 x + 1424 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 1013 x + 1744 x^2 + 1783 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (234 + 279 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (250 + 741 x + 1352 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (174 + 313 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (338 + 933 x + 1608 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (390 + 831 x + 993 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (414 + 1029 x + 1504 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1157 x + 1960 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (278 + 719 x + 1041 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (306 + 675 x + 885 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 823 x + 1017 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (198 + 415 x + 705 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (278 + 821 x + 1456 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (342 + 537 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (230 + 377 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (458 + 1349 x + 2120 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (250 + 667 x + 989 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (138 + 215 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (350 + 965 x + 1632 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 965 x + 1640 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (294 + 505 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (310 + 623 x + 817 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (378 + 1093 x + 1832 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (254 + 535 x + 793 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1285 x + 2112 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (414 + 1157 x + 1824 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 1157 x + 1856 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (382 + 951 x + 1177 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (246 + 473 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (402 + 1157 x + 1768 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 763 x + 1053 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (482 + 1349 x + 2056 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 869 x + 1544 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 1045 x + 1840 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (390 + 1077 x + 1712 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (406 + 1109 x + 1776 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1029 x + 1672 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (198 + 479 x + 769 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (218 + 417 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (178 + 337 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (186 + 581 x + 1224 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (490 + 1381 x + 2088 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 821 x + 1360 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (330 + 577 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (214 + 661 x + 1328 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 1029 x + 1800 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (242 + 529 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (366 + 1061 x + 1696 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 933 x + 1640 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 981 x + 1552 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 755 x + 965 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (326 + 917 x + 1616 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 661 x + 1168 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 635 x + 893 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (366 + 1061 x + 1792 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 505 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (302 + 837 x + 1408 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (186 + 385 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (302 + 1029 x + 1888 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (154 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (254 + 741 x + 1376 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (306 + 561 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (290 + 497 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1157 x + 1736 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (270 + 583 x + 809 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 853 x + 1520 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (282 + 545 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (122 + 231 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (486 + 1365 x + 2064 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1077 x + 1776 x^2 + 1783 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 779 x + 1005 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (242 + 677 x + 1256 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 837 x + 1384 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 981 x + 1776 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 901 x + 1472 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (306 + 707 x + 981 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (218 + 677 x + 1320 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (234 + 417 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (286 + 709 x + 1248 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1093 x + 1704 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 819 x + 1093 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (354 + 997 x + 1704 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (214 + 463 x + 753 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (182 + 259 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (398 + 807 x + 937 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (422 + 1077 x + 1584 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1189 x + 1992 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 465 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (150 + 469 x + 1104 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (246 + 559 x + 849 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (346 + 997 x + 1608 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1285 x + 1992 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 933 x + 1608 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 677 x + 1224 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 1093 x + 1896 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (270 + 805 x + 1440 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (254 + 441 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (210 + 465 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (206 + 345 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (258 + 499 x + 741 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (182 + 345 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (110 + 313 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (206 + 505 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (410 + 891 x + 1053 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (282 + 699 x + 957 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (278 + 917 x + 1712 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1205 x + 2064 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 473 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (350 + 1029 x + 1664 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 805 x + 1408 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 933 x + 1728 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (418 + 947 x + 1125 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1221 x + 1960 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (282 + 449 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (254 + 677 x + 1312 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 1013 x + 1712 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (406 + 879 x + 1041 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1093 x + 1736 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (274 + 561 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1189 x + 1960 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 695 x + 985 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (434 + 1189 x + 1864 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (406 + 1205 x + 1968 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 933 x + 1408 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (474 + 1317 x + 1992 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (274 + 465 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (426 + 1285 x + 2088 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 1061 x + 1832 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (178 + 401 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (226 + 401 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{55} (246 + 291 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (222 + 613 x + 1184 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (174 + 377 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (238 + 741 x + 1440 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (322 + 593 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (278 + 853 x + 1520 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (342 + 719 x + 913 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (366 + 933 x + 1472 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 369 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (246 + 693 x + 1264 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1093 x + 1864 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (334 + 505 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (234 + 481 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (310 + 719 x + 977 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (262 + 671 x + 993 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (330 + 1029 x + 1736 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 627 x + 837 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (226 + 497 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (298 + 587 x + 781 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (282 + 327 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (314 + 869 x + 1416 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 1029 x + 1824 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 691 x + 965 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 933 x + 1696 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (278 + 655 x + 945 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (386 + 1093 x + 1672 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (202 + 645 x + 1320 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (390 + 863 x + 1057 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (238 + 773 x + 1504 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 627 x + 805 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 855 x + 1081 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (230 + 473 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1125 x + 1768 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 691 x + 933 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (458 + 1285 x + 1992 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (326 + 735 x + 993 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (390 + 1013 x + 1584 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (182 + 597 x + 1296 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 885 x + 1424 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 1045 x + 1808 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (338 + 771 x + 1013 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (310 + 537 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (350 + 759 x + 985 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1125 x + 1824 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (434 + 1221 x + 1896 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1157 x + 1896 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (254 + 631 x + 921 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (358 + 767 x + 961 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 1093 x + 1856 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 695 x + 889 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (334 + 711 x + 937 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (182 + 463 x + 785 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 1157 x + 1984 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 671 x + 929 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (290 + 723 x + 1029 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (322 + 465 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (378 + 1093 x + 1800 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 773 x + 1448 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (358 + 799 x + 993 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (198 + 543 x + 897 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (302 + 647 x + 873 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (446 + 1015 x + 1177 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (310 + 719 x + 945 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (310 + 569 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (190 + 441 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (238 + 805 x + 1600 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (270 + 901 x + 1696 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (246 + 687 x + 1041 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (214 + 495 x + 785 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (314 + 545 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (202 + 491 x + 813 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (298 + 933 x + 1672 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (218 + 613 x + 1192 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 537 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (274 + 433 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (290 + 805 x + 1384 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 695 x + 953 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1061 x + 1640 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 575 x + 769 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (218 + 741 x + 1512 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 869 x + 1536 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 965 x + 1640 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (198 + 441 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (2 + x) (129 + 249 x + 326 x^2 + 214 x^3 + 73 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (338 + 1029 x + 1704 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 835 x + 1077 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (230 + 597 x + 1200 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1253 x + 2024 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (218 + 507 x + 797 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (342 + 981 x + 1712 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (502 + 1397 x + 2064 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 837 x + 1512 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (162 + 369 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (226 + 531 x + 805 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (330 + 747 x + 1005 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (326 + 505 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (346 + 933 x + 1576 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (214 + 527 x + 817 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (378 + 1125 x + 1800 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1157 x + 1928 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 949 x + 1584 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (266 + 837 x + 1544 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (374 + 815 x + 1009 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (234 + 353 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 1093 x + 1824 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 663 x + 857 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 933 x + 1608 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (174 + 549 x + 1216 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1349 x + 2152 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (294 + 537 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (322 + 497 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (310 + 601 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (142 + 313 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (346 + 965 x + 1608 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 933 x + 1640 x^2 + 1703 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (490 + 1413 x + 2152 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 965 x + 1704 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (266 + 311 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (314 + 869 x + 1544 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 741 x + 1256 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (434 + 1253 x + 1992 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (438 + 1237 x + 1936 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1093 x + 1608 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 601 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (402 + 1285 x + 2088 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (366 + 775 x + 937 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (394 + 1061 x + 1704 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (202 + 523 x + 845 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (450 + 1413 x + 2216 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 901 x + 1512 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 511 x + 801 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (366 + 807 x + 1033 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (190 + 581 x + 1216 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (358 + 735 x + 897 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (278 + 725 x + 1296 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (278 + 591 x + 849 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (498 + 1381 x + 2056 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (462 + 1413 x + 2176 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (234 + 449 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (298 + 869 x + 1608 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 741 x + 1384 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (262 + 639 x + 897 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (306 + 869 x + 1576 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (190 + 471 x + 793 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (298 + 715 x + 1005 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (326 + 671 x + 865 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (222 + 677 x + 1312 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (434 + 995 x + 1173 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 1029 x + 1792 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1221 x + 2080 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 683 x + 877 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (154 + 385 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (202 + 417 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (298 + 545 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (162 + 433 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1285 x + 2056 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 1061 x + 1896 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 917 x + 1648 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (154 + 485 x + 1128 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1173 x + 2000 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (398 + 1189 x + 1984 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (458 + 1413 x + 2184 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 867 x + 1077 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (214 + 597 x + 1168 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 473 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (230 + 377 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (250 + 507 x + 765 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (406 + 1077 x + 1648 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (374 + 1205 x + 2000 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (278 + 323 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (326 + 885 x + 1520 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (134 + 281 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (446 + 1157 x + 1696 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (250 + 449 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (362 + 1093 x + 1800 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 933 x + 1512 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 1093 x + 1864 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (478 + 1317 x + 1984 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 755 x + 997 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (466 + 1285 x + 1960 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 1029 x + 1672 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 869 x + 1544 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (378 + 827 x + 1021 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (466 + 1027 x + 1173 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (262 + 511 x + 737 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (414 + 919 x + 1113 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (318 + 569 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1061 x + 1736 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 677 x + 1224 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 835 x + 1045 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (262 + 789 x + 1456 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1349 x + 2184 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 1029 x + 1664 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 377 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (274 + 611 x + 853 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (350 + 887 x + 1145 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (334 + 679 x + 873 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (366 + 1093 x + 1760 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (398 + 997 x + 1504 x^2 + 1575 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (198 + 447 x + 737 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (326 + 1077 x + 1904 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 603 x + 829 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1221 x + 1952 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 869 x + 1472 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (186 + 613 x + 1320 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (230 + 275 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (286 + 759 x + 1081 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (370 + 803 x + 1013 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (258 + 691 x + 1029 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (202 + 311 x + 213 x^2 + 73 x^3 + x^4),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (390 + 1013 x + 1552 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 789 x + 1488 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 741 x + 1384 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 755 x + 1029 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (206 + 645 x + 1312 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 741 x + 1280 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 1029 x + 1760 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 805 x + 1504 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 997 x + 1608 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1253 x + 1960 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (230 + 409 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (322 + 691 x + 933 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (370 + 867 x + 1109 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (166 + 409 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 965 x + 1600 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (218 + 709 x + 1416 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1061 x + 1864 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 1061 x + 1792 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (302 + 679 x + 937 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (254 + 837 x + 1600 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (362 + 747 x + 909 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (282 + 513 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1125 x + 1800 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (202 + 481 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (386 + 883 x + 1093 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (238 + 473 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (494 + 1349 x + 1984 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (398 + 935 x + 1129 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (198 + 345 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (298 + 997 x + 1832 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 727 x + 985 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1221 x + 1992 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (442 + 1221 x + 1896 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 1061 x + 1768 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 677 x + 1288 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 997 x + 1792 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 409 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (334 + 743 x + 937 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (450 + 1221 x + 1864 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 511 x + 769 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (214 + 559 x + 881 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 805 x + 1352 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (294 + 885 x + 1552 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (214 + 291 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (290 + 965 x + 1768 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 613 x + 1224 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 401 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (458 + 1253 x + 1896 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (482 + 1477 x + 2248 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (326 + 799 x + 1057 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (218 + 481 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (250 + 513 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (374 + 601 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1125 x + 1896 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 853 x + 1680 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 1125 x + 1992 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (242 + 741 x + 1416 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 965 x + 1736 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1173 x + 1840 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 497 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (442 + 1221 x + 1864 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (310 + 815 x + 1105 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (358 + 981 x + 1648 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (438 + 1205 x + 1840 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (370 + 593 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (206 + 613 x + 1248 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 837 x + 1320 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (414 + 951 x + 1145 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (214 + 377 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (498 + 1413 x + 2120 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 997 x + 1736 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (218 + 385 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (262 + 607 x + 865 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (374 + 949 x + 1488 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (334 + 537 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (414 + 1093 x + 1664 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 837 x + 1480 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (170 + 289 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (506 + 1413 x + 2088 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (290 + 593 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (406 + 1269 x + 2032 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 885 x + 1584 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (226 + 433 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (354 + 529 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (250 + 417 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (314 + 699 x + 957 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (242 + 515 x + 789 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1093 x + 1768 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 473 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1349 x + 2120 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1013 x + 1584 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 725 x + 1200 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 731 x + 925 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (262 + 473 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (354 + 869 x + 1384 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 667 x + 861 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (298 + 683 x + 909 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (210 + 401 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (234 + 619 x + 941 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (446 + 983 x + 1145 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (334 + 807 x + 1033 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (290 + 901 x + 1608 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 677 x + 1192 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 537 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (426 + 1157 x + 1768 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (330 + 545 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (298 + 619 x + 845 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (154 + 321 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (418 + 1093 x + 1672 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (194 + 337 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (398 + 1061 x + 1696 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 1125 x + 1920 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (346 + 609 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 965 x + 1504 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 757 x + 1264 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (182 + 533 x + 1136 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1141 x + 1904 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 473 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (350 + 933 x + 1536 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 827 x + 1117 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (210 + 433 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (306 + 643 x + 885 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (290 + 595 x + 837 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (274 + 401 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (278 + 821 x + 1424 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (378 + 795 x + 957 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (338 + 707 x + 917 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (222 + 549 x + 1120 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 997 x + 1792 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1157 x + 1896 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 981 x + 1648 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1157 x + 1800 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (446 + 1349 x + 2080 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (154 + 231 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{54} (202 + 385 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (326 + 885 x + 1488 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 731 x + 1053 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (422 + 1205 x + 1904 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 1077 x + 1808 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 651 x + 813 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 901 x + 1504 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (462 + 1349 x + 2112 x^2 + 1991 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 433 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 1125 x + 1888 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1221 x + 1952 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (2+x) (129 + 217 x + 294 x^2 + 214 x^3 + 73 x^4 + x^5), \\
& (1+x)^{54} (178 + 465 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (266 + 651 x + 909 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (234 + 587 x + 909 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 369 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (254 + 869 x + 1696 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (182 + 441 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (482 + 1317 x + 1960 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 567 x + 793 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (298 + 651 x + 877 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 869 x + 1416 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1141 x + 1744 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (226 + 497 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (314 + 997 x + 1768 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 933 x + 1672 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 821 x + 1424 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 837 x + 1608 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (482 + 1381 x + 2120 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (394 + 875 x + 1069 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (330 + 513 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (306 + 497 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (334 + 711 x + 905 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (130 + 369 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (438 + 1173 x + 1776 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1157 x + 1896 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1093 x + 1800 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (226 + 465 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (282 + 699 x + 989 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (302 + 711 x + 937 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (270 + 537 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (222 + 473 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (278 + 655 x + 913 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (334 + 1061 x + 1824 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1189 x + 1992 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (326 + 537 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (194 + 613 x + 1288 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 639 x + 865 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (222 + 741 x + 1504 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (170 + 459 x + 813 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (246 + 473 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (354 + 901 x + 1448 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 837 x + 1448 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1253 x + 2056 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (182 + 141 x + 72 x^2 + x^3), (1+x)^{54} (210 + 433 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (298 + 619 x + 813 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 981 x + 1712 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (214 + 377 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (226 + 401 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (326 + 767 x + 993 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (186 + 507 x + 861 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (294 + 639 x + 897 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (414 + 919 x + 1081 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (306 + 773 x + 1320 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (198 + 275 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (430 + 1285 x + 1984 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (254 + 377 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (286 + 569 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (358 + 863 x + 1089 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (262 + 757 x + 1360 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (230 + 693 x + 1328 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (142 + 345 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (242 + 401 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (138 + 247 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (362 + 1157 x + 1928 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 1061 x + 1800 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (262 + 409 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (214 + 473 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (170 + 215 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (278 + 687 x + 977 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (186 + 231 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (330 + 715 x + 909 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (202 + 427 x + 717 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (286 + 805 x + 1376 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 997 x + 1632 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (230 + 725 x + 1392 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (442 + 1189 x + 1800 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (270 + 615 x + 841 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 869 x + 1376 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (194 + 499 x + 837 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (462 + 1221 x + 1792 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (118 + 313 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (222 + 709 x + 1408 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 633 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (294 + 885 x + 1520 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (450 + 1349 x + 2152 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (438 + 1333 x + 2064 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (266 + 741 x + 1416 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (338 + 867 x + 1141 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1125 x + 1864 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 965 x + 1472 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (254 + 505 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (262 + 703 x + 1025 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (310 + 751 x + 1009 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (242 + 613 x + 1192 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1125 x + 1928 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (262 + 821 x + 1488 x^2 + 1591 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (450 + 1157 x + 1672 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 709 x + 1256 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 659 x + 869 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (390 + 895 x + 1089 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (306 + 933 x + 1640 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (166 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (342 + 949 x + 1488 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (310 + 687 x + 945 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (450 + 979 x + 1125 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (230 + 575 x + 897 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (342 + 847 x + 1105 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (286 + 441 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (234 + 311 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (342 + 981 x + 1680 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1157 x + 1960 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (342 + 751 x + 977 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (370 + 625 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (366 + 807 x + 1001 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (366 + 871 x + 1097 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (358 + 917 x + 1456 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 663 x + 889 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (286 + 601 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (374 + 1013 x + 1616 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (246 + 527 x + 785 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (218 + 417 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (266 + 869 x + 1608 x^2 + 1703 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 917 x + 1584 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (186 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (462 + 1285 x + 1984 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (406 + 1141 x + 1808 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (258 + 773 x + 1416 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 1077 x + 1840 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 855 x + 1081 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (422 + 1301 x + 2064 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (186 + 443 x + 765 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 837 x + 1312 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 885 x + 1392 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (254 + 709 x + 1280 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (150 + 345 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (302 + 583 x + 777 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (342 + 1013 x + 1648 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (382 + 1221 x + 2016 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (298 + 683 x + 941 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (274 + 901 x + 1672 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (246 + 409 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (210 + 337 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (2 + x + x^2) (227 + 585 x + 674 x^2 + 358 x^3 + 75 x^4 + x^5), \\
& (1+x)^{55} (214 + 259 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (238 + 519 x + 777 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (334 + 965 x + 1568 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 739 x + 1077 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (178 + 433 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (418 + 1221 x + 1992 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{56} (170 + 141x + 72x^2 + x^3), \\
& (1+x)^{52} (322 + 933x + 1576x^2 + 1671x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (2+x) (97 + 185x + 294x^2 + 214x^3 + 73x^4 + x^5), \\
& (1+x)^{54} (166 + 345x + 456x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (382 + 887x + 1113x^2 + 830x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (270 + 709x + 1312x^2 + 1543x^3 + 1094x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (286 + 837x + 1440x^2 + 1543x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (270 + 869x + 1600x^2 + 1703x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (398 + 1125x + 1856x^2 + 1895x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (366 + 903x + 1129x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (318 + 805x + 1344x^2 + 1511x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (430 + 1093x + 1600x^2 + 1607x^3 + 1094x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (230 + 409x + 488x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (382 + 1189x + 1952x^2 + 1895x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (254 + 599x + 889x^2 + 766x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (286 + 837x + 1472x^2 + 1607x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (390 + 1077x + 1744x^2 + 1783x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (270 + 505x + 496x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (262 + 885x + 1680x^2 + 1783x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (346 + 869x + 1416x^2 + 1575x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (326 + 703x + 897x^2 + 742x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (346 + 1157x + 1992x^2 + 1927x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (254 + 677x + 1216x^2 + 1447x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (318 + 997x + 1728x^2 + 1767x^3 + 1142x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (322 + 997x + 1736x^2 + 1799x^3 + 1162x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (230 + 441x + 488x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (258 + 805x + 1480x^2 + 1607x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (226 + 595x + 933x^2 + 786x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (202 + 459x + 749x^2 + 714x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (286 + 505x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (194 + 435x + 741x^2 + 722x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (162 + 337x + 436x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (358 + 949x + 1520x^2 + 1591x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (230 + 607x + 929x^2 + 774x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (274 + 643x + 917x^2 + 770x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (246 + 725x + 1360x^2 + 1559x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (394 + 1061x + 1672x^2 + 1703x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (246 + 597x + 1136x^2 + 1431x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (330 + 837x + 1384x^2 + 1543x^3 + 1090x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (342 + 783x + 1041x^2 + 822x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (394 + 1157x + 1928x^2 + 1927x^3 + 1186x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (154 + 411x + 765x^2 + 730x^3 + 360x^4 + 75x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (294 + 725 x + 1264 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (162 + 401 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (470 + 1333 x + 2032 x^2 + 1911 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 965 x + 1576 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (254 + 741 x + 1344 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 933 x + 1768 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 773 x + 1352 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (466 + 1285 x + 1928 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (294 + 767 x + 1057 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (394 + 1029 x + 1608 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 853 x + 1392 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (174 + 441 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (274 + 547 x + 789 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (286 + 805 x + 1408 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 1029 x + 1728 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 869 x + 1512 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 1029 x + 1736 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (522 + 1477 x + 2184 x^2 + 1991 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 853 x + 1456 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (274 + 593 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (338 + 707 x + 885 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (306 + 529 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (230 + 473 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (150 + 313 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 997 x + 1664 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 933 x + 1576 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (254 + 505 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (170 + 427 x + 749 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1221 x + 1960 x^2 + 1895 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1061 x + 1576 x^2 + 1607 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 627 x + 869 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (366 + 601 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (298 + 481 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (418 + 1189 x + 1928 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (222 + 503 x + 793 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (390 + 1109 x + 1808 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (434 + 1093 x + 1576 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 603 x + 861 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (382 + 1157 x + 1888 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (262 + 543 x + 801 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (462 + 1253 x + 1888 x^2 + 1831 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (234 + 555 x + 845 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (302 + 837 x + 1504 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 901 x + 1568 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (294 + 569 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (314 + 545 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (446 + 951 x + 1081 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 837 x + 1416 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 409 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1125 x + 1864 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (242 + 643 x + 981 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (246 + 505 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (330 + 965 x + 1608 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (390 + 1269 x + 2096 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (258 + 433 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (298 + 513 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (430 + 1157 x + 1792 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (194 + 433 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (442 + 987 x + 1149 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (282 + 545 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (198 + 377 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 1093 x + 1792 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (414 + 1221 x + 1984 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (218 + 571 x + 893 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (414 + 1125 x + 1760 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1141 x + 1872 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (286 + 631 x + 857 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (362 + 1029 x + 1736 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 773 x + 1416 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (202 + 247 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (250 + 709 x + 1288 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 579 x + 821 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (2+ x) (177 + 394 x + 591 x^2 + 524 x^3 + 287 x^4 + 74 x^5 + x^6), \\
& (1+x)^{53} (402 + 931 x + 1141 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (382 + 601 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (474 + 1349 x + 2056 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 441 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (282 + 773 x + 1320 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 741 x + 1288 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (214 + 345 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (366 + 1029 x + 1600 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (258 + 869 x + 1672 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (270 + 583 x + 841 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (290 + 659 x + 901 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (278 + 623 x + 849 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (410 + 1253 x + 1992 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (242 + 773 x + 1480 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 997 x + 1640 x^2 + 1703 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (282 + 577 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (294 + 853 x + 1488 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 1061 x + 1864 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 965 x + 1544 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (466 + 1349 x + 2088 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 837 x + 1352 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (266 + 619 x + 877 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (386 + 1189 x + 1928 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 741 x + 1320 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 805 x + 1512 x^2 + 1703 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (154 + 353 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (238 + 377 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (230 + 725 x + 1424 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 635 x + 861 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (350 + 791 x + 1017 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 997 x + 1736 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 805 x + 1352 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (214 + 629 x + 1232 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (250 + 417 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (426 + 1189 x + 1864 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 933 x + 1568 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (454 + 1269 x + 1936 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 441 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (238 + 377 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (342 + 687 x + 849 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (314 + 481 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (250 + 805 x + 1512 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (226 + 531 x + 837 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 997 x + 1480 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 1093 x + 1864 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 931 x + 1173 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (290 + 465 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (330 + 1093 x + 1928 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (254 + 773 x + 1408 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (378 + 859 x + 1053 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 997 x + 1760 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1285 x + 2152 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (326 + 853 x + 1424 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (246 + 757 x + 1392 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1237 x + 2000 x^2 + 1943 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (254 + 645 x + 1216 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 707 x + 1013 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (430 + 1317 x + 2080 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 741 x + 1216 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (258 + 529 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (354 + 561 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (134 + 345 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (142 + 377 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (382 + 1029 x + 1632 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 805 x + 1448 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (330 + 747 x + 973 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (366 + 1061 x + 1824 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (150 + 141 x + 72 x^2 + x^3), (1+x)^{54} (338 + 497 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (286 + 473 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (402 + 1125 x + 1832 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1093 x + 1800 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1061 x + 1704 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 377 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (290 + 869 x + 1512 x^2 + 1607 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (218 + 549 x + 1128 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1029 x + 1640 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 505 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (338 + 965 x + 1672 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (250 + 545 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (338 + 1125 x + 1960 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 409 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (358 + 1013 x + 1680 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 787 x + 1061 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (418 + 1253 x + 2056 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 997 x + 1544 x^2 + 1607 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1077 x + 1808 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 441 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (286 + 773 x + 1408 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1317 x + 2088 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (318 + 505 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (250 + 481 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (106 + 215 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (386 + 1253 x + 2088 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 933 x + 1480 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (286 + 569 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (338 + 1061 x + 1832 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (302 + 711 x + 969 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (374 + 911 x + 1137 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (398 + 1157 x + 1920 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (222 + 535 x + 825 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (166 + 275 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (354 + 883 x + 1125 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (198 + 313 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (374 + 1013 x + 1648 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 885 x + 1456 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1205 x + 1936 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (174 + 345 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (282 + 741 x + 1352 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1269 x + 2064 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 981 x + 1616 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 441 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (450 + 1285 x + 1992 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (270 + 441 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (246 + 537 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (342 + 569 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (318 + 901 x + 1600 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (274 + 643 x + 885 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (374 + 949 x + 1456 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (178 + 401 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (398 + 1029 x + 1600 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 933 x + 1448 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1093 x + 1768 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 409 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (342 + 1045 x + 1744 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (102 + 211 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (370 + 997 x + 1640 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (326 + 639 x + 801 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (218 + 449 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (134 + 351 x + 705 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (294 + 473 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (270 + 441 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (266 + 545 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (354 + 1093 x + 1832 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 727 x + 889 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1061 x + 1672 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (386 + 851 x + 1061 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (182 + 227 x + 213 x^2 + 73 x^3 + x^4),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (250 + 513 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (266 + 523 x + 749 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (318 + 601 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (438 + 1205 x + 1872 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (206 + 519 x + 841 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (394 + 843 x + 1005 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (190 + 613 x + 1312 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 763 x + 1021 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (246 + 441 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (370 + 1125 x + 1832 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (398 + 1253 x + 2048 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (90 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (398 + 1061 x + 1664 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (262 + 917 x + 1776 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (334 + 807 x + 1065 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 901 x + 1480 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (422 + 927 x + 1089 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (302 + 743 x + 1001 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (254 + 613 x + 1152 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (206 + 487 x + 777 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (310 + 537 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (310 + 853 x + 1392 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (342 + 815 x + 1041 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 997 x + 1672 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 827 x + 1085 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (330 + 933 x + 1512 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 773 x + 1512 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (234 + 385 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (338 + 625 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (322 + 965 x + 1608 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1221 x + 2024 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 755 x + 1061 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (442 + 1349 x + 2088 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 1029 x + 1800 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (258 + 433 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 933 x + 1600 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 741 x + 1344 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (310 + 783 x + 1073 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (190 + 409 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 965 x + 1704 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (446 + 1221 x + 1856 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (414 + 1093 x + 1696 x^2 + 1735 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (350 + 633 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (210 + 369 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (358 + 831 x + 1057 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (270 + 677 x + 1248 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 933 x + 1512 x^2 + 1607 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (518 + 1461 x + 2160 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 1029 x + 1792 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 997 x + 1800 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (366 + 711 x + 841 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (354 + 1029 x + 1672 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (258 + 805 x + 1512 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (266 + 513 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (274 + 869 x + 1608 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (390 + 1109 x + 1840 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (250 + 481 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (354 + 1061 x + 1768 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (238 + 613 x + 1216 x^2 + 1511 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (170 + 247 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (406 + 1237 x + 1968 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (434 + 1285 x + 1960 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1189 x + 1896 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (466 + 1253 x + 1864 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (202 + 353 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (358 + 1045 x + 1680 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 409 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1029 x + 1640 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 695 x + 857 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 791 x + 953 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (290 + 433 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (318 + 631 x + 825 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (346 + 1029 x + 1704 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1029 x + 1768 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (482 + 1349 x + 2024 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1221 x + 1992 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (98 + 305 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (246 + 629 x + 1200 x^2 + 1463 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (322 + 529 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (346 + 1125 x + 1928 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 869 x + 1480 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (486 + 1333 x + 1968 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 805 x + 1608 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1221 x + 2056 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (342 + 917 x + 1520 x^2 + 1623 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1189 x + 2024 x^2 + 1959 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1157 x + 1960 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (402 + 899 x + 1077 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (378 + 859 x + 1085 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (166 + 377 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (370 + 1093 x + 1768 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (478 + 1349 x + 2048 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (198 + 661 x + 1392 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (366 + 839 x + 1033 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (270 + 519 x + 745 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1093 x + 1704 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (450 + 1285 x + 2024 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (270 + 837 x + 1504 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (250 + 571 x + 861 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 901 x + 1608 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (194 + 497 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (378 + 997 x + 1576 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1061 x + 1736 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (166 + 415 x + 737 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (182 + 313 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (298 + 747 x + 1037 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (206 + 473 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (514 + 1477 x + 2216 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1077 x + 1872 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (426 + 1189 x + 1896 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (230 + 543 x + 801 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (174 + 409 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (366 + 965 x + 1568 x^2 + 1671 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 869 x + 1568 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 997 x + 1576 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 901 x + 1512 x^2 + 1575 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 759 x + 953 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (422 + 1333 x + 2128 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 823 x + 1081 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (354 + 755 x + 933 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (362 + 1125 x + 1896 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (334 + 647 x + 809 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (354 + 1189 x + 2056 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (170 + 395 x + 717 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (238 + 583 x + 873 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (306 + 869 x + 1448 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (310 + 949 x + 1616 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (482 + 1413 x + 2184 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (202 + 555 x + 909 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (346 + 997 x + 1704 x^2 + 1767 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (270 + 711 x + 1033 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (394 + 907 x + 1101 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (262 + 639 x + 929 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (194 + 369 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1093 x + 1768 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (270 + 773 x + 1376 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (342 + 601 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (310 + 473 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (242 + 579 x + 853 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 741 x + 1224 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (246 + 441 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (418 + 1157 x + 1832 x^2 + 1831 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 901 x + 1480 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1173 x + 1872 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (298 + 449 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (178 + 549 x + 1192 x^2 + 1479 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 789 x + 1520 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 803 x + 981 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 1013 x + 1776 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 725 x + 1328 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (242 + 709 x + 1320 x^2 + 1511 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 691 x + 837 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (286 + 599 x + 825 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (150 + 399 x + 753 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (366 + 901 x + 1408 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 965 x + 1792 x^2 + 1863 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (206 + 409 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (158 + 345 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (334 + 965 x + 1696 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 537 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (210 + 483 x + 789 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (234 + 587 x + 877 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (266 + 805 x + 1480 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (250 + 385 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (418 + 1189 x + 1896 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 1093 x + 1920 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 723 x + 997 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (358 + 949 x + 1552 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (402 + 1221 x + 1928 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (170 + 549 x + 1224 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 965 x + 1544 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (450 + 1253 x + 1960 x^2 + 1927 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (398 + 903 x + 1097 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (210 + 497 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (294 + 949 x + 1712 x^2 + 1783 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (294 + 981 x + 1808 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (282 + 481 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (278 + 725 x + 1328 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (362 + 811 x + 1005 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (254 + 599 x + 857 x^2 + 734 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (202 + 279 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (362 + 997 x + 1672 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 727 x + 953 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (146 + 401 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (410 + 1157 x + 1832 x^2 + 1799 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (106 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (450 + 1221 x + 1832 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (278 + 751 x + 1073 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (330 + 805 x + 1320 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (158 + 377 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (206 + 377 x + 432 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (342 + 949 x + 1584 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (242 + 741 x + 1384 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (262 + 821 x + 1520 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (310 + 687 x + 913 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (246 + 559 x + 817 x^2 + 726 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (370 + 933 x + 1480 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 409 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (414 + 1285 x + 2048 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (334 + 775 x + 1033 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (234 + 417 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (138 + 353 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (350 + 791 x + 985 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (342 + 1013 x + 1776 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (186 + 549 x + 1160 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 723 x + 901 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (210 + 529 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (346 + 965 x + 1512 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (162 + 305 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (262 + 575 x + 833 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (266 + 715 x + 1037 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (366 + 537 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (326 + 981 x + 1776 x^2 + 1879 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (238 + 473 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (354 + 593 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (258 + 659 x + 965 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (370 + 1061 x + 1672 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1269 x + 1968 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1125 x + 1696 x^2 + 1703 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (234 + 523 x + 813 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (162 + 403 x + 741 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (402 + 867 x + 1045 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (314 + 699 x + 925 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (354 + 1125 x + 1896 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (290 + 563 x + 773 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (234 + 555 x + 813 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (430 + 1221 x + 1920 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 773 x + 1352 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (226 + 741 x + 1480 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 981 x + 1744 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (186 + 475 x + 797 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (298 + 965 x + 1704 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (266 + 677 x + 1256 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (246 + 821 x + 1584 x^2 + 1719 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1125 x + 1888 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1061 x + 1736 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (262 + 725 x + 1296 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (430 + 1189 x + 1888 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 869 x + 1704 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (242 + 433 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (378 + 923 x + 1149 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (226 + 433 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (342 + 1045 x + 1776 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (218 + 677 x + 1352 x^2 + 1575 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 997 x + 1704 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 899 x + 1141 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (278 + 623 x + 881 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (126 + 345 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (262 + 853 x + 1616 x^2 + 1751 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (278 + 537 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (394 + 997 x + 1512 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (362 + 577 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (306 + 997 x + 1768 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1045 x + 1712 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (434 + 963 x + 1141 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (242 + 561 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (514 + 1445 x + 2152 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (218 + 449 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (306 + 643 x + 853 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 401 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (386 + 1157 x + 1832 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (274 + 561 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (274 + 675 x + 949 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (250 + 773 x + 1416 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 805 x + 1416 x^2 + 1543 x^3 + 1082 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 891 x + 1149 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 965 x + 1600 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (306 + 433 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (242 + 805 x + 1576 x^2 + 1735 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 933 x + 1600 x^2 + 1703 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (458 + 1221 x + 1800 x^2 + 1735 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (2+x) (97 + 152 x + 142 x^2 + 72 x^3 + x^4), \\
& (1+x)^{53} (258 + 627 x + 933 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (362 + 811 x + 1037 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (202 + 321 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (258 + 531 x + 773 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (414 + 887 x + 1049 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (430 + 1253 x + 2016 x^2 + 1959 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (286 + 537 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (326 + 1077 x + 1872 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 901 x + 1544 x^2 + 1671 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 933 x + 1704 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 667 x + 957 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (334 + 837 x + 1376 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (170 + 353 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (530 + 1477 x + 2152 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (250 + 327 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (294 + 607 x + 801 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{55} (186 + 295 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (222 + 677 x + 1344 x^2 + 1575 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (250 + 613 x + 1160 x^2 + 1447 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (282 + 837 x + 1480 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 837 x + 1408 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (398 + 1157 x + 1792 x^2 + 1735 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (258 + 677 x + 1288 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (346 + 869 x + 1384 x^2 + 1511 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 917 x + 1552 x^2 + 1687 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (402 + 835 x + 981 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (258 + 497 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (246 + 377 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (274 + 529 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (290 + 659 x + 933 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (450 + 1349 x + 2056 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (190 + 377 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (194 + 369 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (266 + 587 x + 845 x^2 + 746 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (266 + 901 x + 1704 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (178 + 369 x + 452 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (314 + 667 x + 893 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (206 + 441 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (342 + 879 x + 1137 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (254 + 773 x + 1440 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 1157 x + 1992 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (166 + 383 x + 705 x^2 + 710 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (426 + 1221 x + 1928 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 965 x + 1480 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (406 + 1173 x + 1904 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 901 x + 1480 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (214 + 441 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (282 + 965 x + 1800 x^2 + 1863 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (214 + 441 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (466 + 1413 x + 2152 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 965 x + 1504 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (290 + 465 x + 500 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (282 + 901 x + 1608 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (210 + 547 x + 885 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 933 x + 1576 x^2 + 1671 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (278 + 537 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (358 + 1109 x + 1840 x^2 + 1815 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (426 + 939 x + 1101 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{56} (118 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (346 + 901 x + 1448 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (374 + 783 x + 945 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (302 + 933 x + 1664 x^2 + 1767 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 805 x + 1480 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 837 x + 1416 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (314 + 965 x + 1672 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1061 x + 1768 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (322 + 529 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (382 + 887 x + 1081 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (386 + 787 x + 933 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (362 + 843 x + 1069 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (486 + 1397 x + 2128 x^2 + 1975 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (258 + 595 x + 837 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (306 + 771 x + 1045 x^2 + 802 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (382 + 823 x + 985 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (410 + 1029 x + 1512 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (314 + 609 x + 540 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (302 + 647 x + 841 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (250 + 449 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (366 + 569 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (546 + 1541 x + 2248 x^2 + 2023 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (218 + 353 x + 444 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (302 + 869 x + 1504 x^2 + 1639 x^3 + 1126 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (194 + 401 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (422 + 1109 x + 1680 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 965 x + 1512 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1125 x + 1768 x^2 + 1799 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (354 + 819 x + 1061 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (434 + 1157 x + 1768 x^2 + 1767 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (262 + 537 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (350 + 855 x + 1113 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (302 + 773 x + 1344 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 997 x + 1728 x^2 + 1831 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1045 x + 1744 x^2 + 1815 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (234 + 709 x + 1352 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (446 + 1253 x + 1952 x^2 + 1895 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (262 + 853 x + 1584 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (450 + 1317 x + 2088 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (418 + 883 x + 1029 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (194 + 305 x + 436 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (354 + 965 x + 1608 x^2 + 1703 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (138 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{52} (374 + 1141 x + 1840 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 997 x + 1768 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (166 + 447 x + 801 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (294 + 821 x + 1488 x^2 + 1655 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (294 + 441 x + 456 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (294 + 917 x + 1616 x^2 + 1687 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (274 + 805 x + 1448 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (274 + 497 x + 484 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (254 + 409 x + 480 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (262 + 725 x + 1392 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (406 + 943 x + 1137 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (198 + 597 x + 1232 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (402 + 625 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (266 + 683 x + 973 x^2 + 778 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1029 x + 1576 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (366 + 743 x + 905 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (310 + 655 x + 881 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (362 + 1061 x + 1800 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{56} (122 + 141 x + 72 x^2 + x^3), \\
& (1+x)^{53} (282 + 667 x + 925 x^2 + 762 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (446 + 1285 x + 2016 x^2 + 1927 x^3 + 1174 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (222 + 645 x + 1248 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 997 x + 1576 x^2 + 1607 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (434 + 1317 x + 2056 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (158 + 485 x + 1120 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 759 x + 985 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (214 + 505 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (202 + 417 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (262 + 307 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{53} (238 + 551 x + 809 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (182 + 377 x + 440 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (286 + 441 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (362 + 1029 x + 1608 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (382 + 855 x + 1049 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 837 x + 1440 x^2 + 1607 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (402 + 899 x + 1109 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (246 + 623 x + 913 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (466 + 1317 x + 2024 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (226 + 709 x + 1384 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (250 + 635 x + 957 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (254 + 537 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (450 + 1253 x + 1928 x^2 + 1863 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (394 + 1125 x + 1832 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 821 x + 1392 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (306 + 803 x + 1109 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (234 + 741 x + 1416 x^2 + 1575 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (218 + 475 x + 765 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (418 + 1221 x + 1864 x^2 + 1767 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (174 + 423 x + 745 x^2 + 718 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (262 + 693 x + 1296 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 505 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (338 + 803 x + 1077 x^2 + 834 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (250 + 539 x + 797 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (182 + 409 x + 472 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (326 + 917 x + 1488 x^2 + 1559 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (422 + 1141 x + 1776 x^2 + 1783 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (186 + 417 x + 476 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (330 + 779 x + 1037 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (418 + 1221 x + 1960 x^2 + 1895 x^3 + 1162 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (134 + 313 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (426 + 1221 x + 1960 x^2 + 1927 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (366 + 1093 x + 1888 x^2 + 1927 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (318 + 965 x + 1632 x^2 + 1671 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1221 x + 2024 x^2 + 1927 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 997 x + 1800 x^2 + 1895 x^3 + 1186 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (382 + 633 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (266 + 481 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (302 + 615 x + 841 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (374 + 847 x + 1073 x^2 + 822 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (410 + 955 x + 1149 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (266 + 449 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (214 + 527 x + 849 x^2 + 758 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (210 + 515 x + 821 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (338 + 529 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 837 x + 1480 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (418 + 1317 x + 2120 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (398 + 1029 x + 1568 x^2 + 1607 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (382 + 569 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (274 + 497 x + 516 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (414 + 1221 x + 1888 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 997 x + 1696 x^2 + 1767 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (310 + 783 x + 1041 x^2 + 790 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (338 + 965 x + 1576 x^2 + 1639 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (386 + 1029 x + 1608 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (370 + 1093 x + 1736 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (354 + 933 x + 1544 x^2 + 1671 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (226 + 465 x + 468 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (458 + 1285 x + 1960 x^2 + 1863 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1077 x + 1744 x^2 + 1719 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{53} (386 + 851 x + 1029 x^2 + 786 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (258 + 741 x + 1352 x^2 + 1543 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (190 + 345 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (238 + 709 x + 1344 x^2 + 1543 x^3 + 1094 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (402 + 1157 x + 1864 x^2 + 1831 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (206 + 377 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (374 + 1109 x + 1872 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (138 + 363 x + 717 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (254 + 805 x + 1504 x^2 + 1639 x^3 + 1110 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (222 + 441 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{55} (218 + 295 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (418 + 1285 x + 2056 x^2 + 1959 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (406 + 1013 x + 1488 x^2 + 1527 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (166 + 243 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (278 + 757 x + 1392 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (350 + 823 x + 1049 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (266 + 837 x + 1512 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (350 + 1093 x + 1824 x^2 + 1799 x^3 + 1142 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (282 + 763 x + 1085 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (278 + 789 x + 1360 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (166 + 281 x + 424 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (322 + 997 x + 1704 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (278 + 917 x + 1680 x^2 + 1751 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (302 + 679 x + 905 x^2 + 750 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (410 + 1093 x + 1672 x^2 + 1671 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (138 + 289 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (330 + 1029 x + 1768 x^2 + 1799 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (462 + 1285 x + 1952 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (266 + 555 x + 781 x^2 + 714 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (330 + 965 x + 1576 x^2 + 1607 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (306 + 997 x + 1800 x^2 + 1863 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (266 + 869 x + 1640 x^2 + 1767 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (322 + 691 x + 901 x^2 + 754 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (298 + 513 x + 492 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (202 + 613 x + 1256 x^2 + 1511 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (134 + 243 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (470 + 1301 x + 1968 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 773 x + 1288 x^2 + 1479 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (230 + 661 x + 1264 x^2 + 1495 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 965 x + 1728 x^2 + 1799 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (402 + 1125 x + 1800 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (442 + 1253 x + 1960 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{52} (450 + 1381 x + 2152 x^2 + 1991 x^3 + 1194 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (214 + 693 x + 1392 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (330 + 869 x + 1480 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 1109 x + 1904 x^2 + 1879 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (198 + 409 x + 488 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (350 + 601 x + 544 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (290 + 497 x + 532 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (378 + 1125 x + 1896 x^2 + 1895 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (334 + 1093 x + 1888 x^2 + 1863 x^3 + 1158 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (346 + 795 x + 1053 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (314 + 837 x + 1448 x^2 + 1607 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (334 + 569 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (250 + 603 x + 861 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (470 + 1269 x + 1872 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (334 + 775 x + 1001 x^2 + 782 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (2+x) (161 + 249 x + 294 x^2 + 214 x^3 + 73 x^4 + x^5), \\
& (1+x)^{53} (198 + 511 x + 833 x^2 + 742 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (410 + 1093 x + 1704 x^2 + 1735 x^3 + 1138 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (326 + 767 x + 1025 x^2 + 806 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (430 + 935 x + 1097 x^2 + 814 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (286 + 409 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (318 + 823 x + 1113 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (310 + 789 x + 1360 x^2 + 1559 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (370 + 771 x + 949 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (374 + 1077 x + 1776 x^2 + 1783 x^3 + 1134 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (198 + 473 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (278 + 473 x + 504 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (262 + 671 x + 961 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (350 + 901 x + 1440 x^2 + 1543 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (302 + 997 x + 1824 x^2 + 1895 x^3 + 1190 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (266 + 683 x + 1005 x^2 + 810 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (390 + 1141 x + 1872 x^2 + 1847 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (358 + 1013 x + 1712 x^2 + 1783 x^3 + 1150 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (466 + 1221 x + 1768 x^2 + 1703 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (342 + 885 x + 1456 x^2 + 1591 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 791 x + 1049 x^2 + 798 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{53} (354 + 851 x + 1093 x^2 + 818 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (402 + 1253 x + 2024 x^2 + 1927 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (374 + 1077 x + 1680 x^2 + 1655 x^3 + 1102 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (310 + 789 x + 1328 x^2 + 1495 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (298 + 869 x + 1512 x^2 + 1639 x^3 + 1122 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (378 + 1061 x + 1768 x^2 + 1831 x^3 + 1170 x^4 + 435 x^5 + 76 x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{56} (102 + 141x + 72x^2 + x^3), \\
& (1+x)^{52} (366 + 997x + 1664x^2 + 1767x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (266 + 933x + 1800x^2 + 1895x^3 + 1186x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (318 + 663x + 889x^2 + 766x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (218 + 539x + 861x^2 + 762x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (406 + 1205x + 1872x^2 + 1783x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (226 + 467x + 741x^2 + 722x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (318 + 805x + 1376x^2 + 1575x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (222 + 345x + 448x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (186 + 321x + 444x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (210 + 401x + 484x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (322 + 1029x + 1800x^2 + 1831x^3 + 1162x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (462 + 1317x + 2048x^2 + 1959x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (354 + 787x + 997x^2 + 786x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (326 + 949x + 1680x^2 + 1783x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{58} (70 + x), (1+x)^{53} (346 + 763x + 957x^2 + 762x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (262 + 661x + 1232x^2 + 1495x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (102 + 281x + 424x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (346 + 933x + 1544x^2 + 1639x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (306 + 497x + 484x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (386 + 593x + 532x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (402 + 1157x + 1896x^2 + 1895x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (370 + 1061x + 1800x^2 + 1863x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (474 + 1285x + 1896x^2 + 1799x^3 + 1138x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (258 + 837x + 1576x^2 + 1703x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (362 + 1061x + 1704x^2 + 1703x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (322 + 1061x + 1864x^2 + 1863x^3 + 1162x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (326 + 735x + 961x^2 + 774x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (246 + 495x + 753x^2 + 726x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (222 + 505x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (370 + 1029x + 1576x^2 + 1575x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (382 + 997x + 1568x^2 + 1639x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (414 + 1061x + 1600x^2 + 1639x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (378 + 1157x + 1864x^2 + 1799x^3 + 1138x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (282 + 933x + 1736x^2 + 1831x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (314 + 1029x + 1832x^2 + 1863x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (214 + 409x + 472x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (346 + 859x + 1117x^2 + 826x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (366 + 1157x + 1952x^2 + 1927x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (278 + 441x + 472x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (418 + 1285x + 2024x^2 + 1895x^3 + 1162x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (210 + 645x + 1288x^2 + 1511x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (302 + 537 x + 528 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (226 + 499 x + 773 x^2 + 722 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (318 + 773 x + 1280 x^2 + 1479 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (166 + 211 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (362 + 901 x + 1416 x^2 + 1543 x^3 + 1090 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (362 + 1125 x + 1864 x^2 + 1831 x^3 + 1154 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (198 + 629 x + 1296 x^2 + 1527 x^3 + 1086 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (314 + 901 x + 1480 x^2 + 1543 x^3 + 1074 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (318 + 791 x + 1081 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (234 + 449 x + 460 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (350 + 727 x + 921 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (358 + 569 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (294 + 789 x + 1424 x^2 + 1623 x^3 + 1118 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (242 + 547 x + 821 x^2 + 738 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (206 + 441 x + 464 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (190 + 549 x + 1152 x^2 + 1447 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (290 + 901 x + 1576 x^2 + 1639 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (478 + 1047 x + 1177 x^2 + 830 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (214 + 533 x + 1104 x^2 + 1431 x^3 + 1070 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (338 + 869 x + 1448 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (402 + 1189 x + 1864 x^2 + 1799 x^3 + 1146 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (306 + 707 x + 949 x^2 + 770 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (314 + 513 x + 508 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (290 + 933 x + 1672 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (314 + 795 x + 1085 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (450 + 1189 x + 1768 x^2 + 1735 x^3 + 1130 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (286 + 741 x + 1312 x^2 + 1511 x^3 + 1078 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (278 + 505 x + 536 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (414 + 855 x + 985 x^2 + 766 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (254 + 473 x + 512 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{54} (202 + 385 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (434 + 1285 x + 2056 x^2 + 1959 x^3 + 1178 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (266 + 481 x + 524 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 805 x + 1416 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (378 + 891 x + 1117 x^2 + 826 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (230 + 505 x + 520 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (326 + 703 x + 929 x^2 + 774 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (410 + 1061 x + 1608 x^2 + 1639 x^3 + 1106 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{53} (250 + 571 x + 829 x^2 + 730 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{52} (278 + 949 x + 1776 x^2 + 1847 x^3 + 1166 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (118 + 227 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{54} (266 + 385 x + 428 x^2 + 286 x^3 + 74 x^4 + x^5),
\end{aligned}$$

$$\begin{aligned}
& (1+x)^{54} (338 + 561 x + 548 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{52} (306 + 869 x + 1480 x^2 + 1607 x^3 + 1114 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{52} (322 + 837 x + 1416 x^2 + 1575 x^3 + 1098 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{55} (150 + 259 x + 213 x^2 + 73 x^3 + x^4), \\
& (1+x)^{52} (454 + 1269 x + 1968 x^2 + 1911 x^3 + 1182 x^4 + 435 x^5 + 76 x^6 + x^7), \\
& (1+x)^{54} (302 + 537 x + 496 x^2 + 286 x^3 + 74 x^4 + x^5), \\
& (1+x)^{53} (346 + 827 x + 1053 x^2 + 794 x^3 + 360 x^4 + 75 x^5 + x^6), \\
& (1+x)^{54} (318 + 441 x + 448 x^2 + 286 x^3 + 74 x^4 + x^5) \};
\end{aligned}$$

In[6]:= Length[Smod128n59unrefined]

Out[6]= 2048