

$\ln[*] := \text{Jmin2Amod128n59} =$

$$\begin{aligned}
& \{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), \\
& 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 + 112x + 8x^2 + 69x^4 + x^5), x^{54} (112 + 112x + 8x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 12x^2 + 69x^4 + x^5), x^{54} (48 + 12x^2 + 69x^4 + x^5), x^{54} (80 + 12x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 12x^2 + 69x^4 + x^5), x^{54} (16 + 32x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 32x + 12x^2 + 69x^4 + x^5), x^{54} (80 + 32x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 32x + 12x^2 + 69x^4 + x^5), x^{54} (16 + 64x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 64x + 12x^2 + 69x^4 + x^5), x^{54} (80 + 64x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 64x + 12x^2 + 69x^4 + x^5), x^{54} (48 + 96x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 96x + 12x^2 + 69x^4 + x^5), x^{54} (112 + 96x + 12x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 16x^2 + 69x^4 + x^5), x^{54} (64 + 16x^2 + 69x^4 + x^5), x^{54} (96 + 16x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 16x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 16x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 32x + 16x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 16x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 16x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 16x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 16x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 16x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 16x^2 + 69x^4 + x^5), x^{54} (32 + 20x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 20x^2 + 69x^4 + x^5), x^{54} (96 + 20x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 20x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 20x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 20x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 20x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 20x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 20x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 20x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 20x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 20x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 16x + 24x^2 + 69x^4 + x^5), x^{54} (48 + 16x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 16x + 24x^2 + 69x^4 + x^5), x^{54} (112 + 16x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 48x + 24x^2 + 69x^4 + x^5), x^{54} (48 + 48x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 48x + 24x^2 + 69x^4 + x^5), x^{54} (112 + 48x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 80x + 24x^2 + 69x^4 + x^5), x^{54} (48 + 80x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 80x + 24x^2 + 69x^4 + x^5), x^{54} (112 + 80x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 112x + 24x^2 + 69x^4 + x^5), x^{54} (48 + 112x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 112x + 24x^2 + 69x^4 + x^5), x^{54} (112 + 112x + 24x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 28x^2 + 69x^4 + x^5), x^{54} (48 + 28x^2 + 69x^4 + x^5), x^{54} (80 + 28x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 28x^2 + 69x^4 + x^5), x^{54} (16 + 32x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 32x + 28x^2 + 69x^4 + x^5), x^{54} (80 + 32x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 32x + 28x^2 + 69x^4 + x^5), x^{54} (16 + 64x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 64x + 28x^2 + 69x^4 + x^5), x^{54} (80 + 64x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 64x + 28x^2 + 69x^4 + x^5), x^{54} (16 + 96x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 96x + 28x^2 + 69x^4 + x^5), x^{54} (80 + 96x + 28x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 96x + 28x^2 + 69x^4 + x^5), x^{54} (32 + 32x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x^2 + 69x^4 + x^5), x^{54} (96 + 32x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 32x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 32x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 32x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 32x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 32x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 32x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 32x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 32x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 32x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 36x^2 + 69x^4 + x^5), x^{54} (64 + 36x^2 + 69x^4 + x^5), x^{54} (96 + 36x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 36x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 36x^2 + 69x^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 + 64x + 60x^2 + 69x^4 + x^5), x^{54} (80 + 64x + 60x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 64x + 60x^2 + 69x^4 + x^5), x^{54} (16 + 96x + 60x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 96x + 60x^2 + 69x^4 + x^5), x^{54} (80 + 96x + 60x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 96x + 60x^2 + 69x^4 + x^5), x^{54} (32 + 64x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x^2 + 69x^4 + x^5), x^{54} (96 + 64x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 64x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 64x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 64x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 64x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 64x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 64x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 64x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 64x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 64x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 68x^2 + 69x^4 + x^5), x^{54} (64 + 68x^2 + 69x^4 + x^5), x^{54} (96 + 68x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 68x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 68x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 32x + 68x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 68x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 68x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 68x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 68x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 68x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 68x^2 + 69x^4 + x^5), x^{54} (16 + 16x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 16x + 72x^2 + 69x^4 + x^5), x^{54} (80 + 16x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 16x + 72x^2 + 69x^4 + x^5), x^{54} (16 + 48x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 48x + 72x^2 + 69x^4 + x^5), x^{54} (80 + 48x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 48x + 72x^2 + 69x^4 + x^5), x^{54} (16 + 80x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 80x + 72x^2 + 69x^4 + x^5), x^{54} (80 + 80x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 80x + 72x^2 + 69x^4 + x^5), x^{54} (16 + 112x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 112x + 72x^2 + 69x^4 + x^5), x^{54} (80 + 112x + 72x^2 + 69x^4 + x^5), \\
& x^{54} (112 + 112x + 72x^2 + 69x^4 + x^5), x^{54} (16 + 76x^2 + 69x^4 + x^5), \\
& x^{54} (48 + 76x^2 + 69x^4 + x^5), x^{54} (80 + 76x^2 + 69x^4 + x^5), x^{54} (112 + 76x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 32x + 76x^2 + 69x^4 + x^5), x^{54} (48 + 32x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 32x + 76x^2 + 69x^4 + x^5), x^{54} (112 + 32x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 64x + 76x^2 + 69x^4 + x^5), x^{54} (48 + 64x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 64x + 76x^2 + 69x^4 + x^5), x^{54} (112 + 64x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 96x + 76x^2 + 69x^4 + x^5), x^{54} (48 + 96x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (80 + 96x + 76x^2 + 69x^4 + x^5), x^{54} (112 + 96x + 76x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 80x^2 + 69x^4 + x^5), x^{54} (64 + 80x^2 + 69x^4 + x^5), x^{54} (96 + 80x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 32x + 80x^2 + 69x^4 + x^5), x^{54} (64 + 32x + 80x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 32x + 80x^2 + 69x^4 + x^5), x^{54} (32 + 64x + 80x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 64x + 80x^2 + 69x^4 + x^5), x^{54} (96 + 64x + 80x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 96x + 80x^2 + 69x^4 + x^5), x^{54} (64 + 96x + 80x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 96x + 80x^2 + 69x^4 + x^5), x^{54} (32 + 84x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 84x^2 + 69x^4 + x^5), x^{54} (96 + 84x^2 + 69x^4 + x^5), x^{54} (32 + 32x + 84x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 32x + 84x^2 + 69x^4 + x^5), x^{54} (96 + 32x + 84x^2 + 69x^4 + x^5), \\
& x^{54} (32 + 64x + 84x^2 + 69x^4 + x^5), x^{54} (64 + 64x + 84x^2 + 69x^4 + x^5), \\
& x^{54} (96 + 64x + 84x^2 + 69x^4 + x^5), x^{54} (32 + 96x + 84x^2 + 69x^4 + x^5), \\
& x^{54} (64 + 96x + 84x^2 + 69x^4 + x^5), x^{54} (96 + 96x + 84x^2 + 69x^4 + x^5), \\
& x^{54} (16 + 16x + 88x^2 + 69x^4 + x^5), x^{54} (48 + 16x + 88x^2 + 69x^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^{53} (64 + 64x + 96x^2 + 4x^3 + 69x^5 + x^6), x^{53} (64 + 96x + 96x^2 + 4x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 16x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 16x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 16x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 16x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 48x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 48x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 48x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 48x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 80x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 80x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 80x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 80x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 112x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 112x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 112x^2 + 8x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 112x^2 + 8x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 12x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 12x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 32x^2 + 12x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 32x^2 + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 32x^2 + 12x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 64x^2 + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 80x + 64x^2 + 12x^3 + 69x^5 + x^6), x^{53} (64 + 112x + 64x^2 + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 16x + 96x^2 + 12x^3 + 69x^5 + x^6), x^{53} (64 + 48x + 96x^2 + 12x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 96x^2 + 12x^3 + 69x^5 + x^6), x^{53} (64 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 16x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 16x^3 + 69x^5 + x^6), x^{53} (64 + 32x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 32x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 32x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 32x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 64x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 64x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 64x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 64x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 96x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 96x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 96x^2 + 16x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 96x^2 + 16x^3 + 69x^5 + x^6), x^{53} (64 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 20x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 20x^3 + 69x^5 + x^6), x^{53} (64 + 32x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 32x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 32x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 32x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 64x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 64x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 64x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 64x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 96x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 32x + 96x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 64x + 96x^2 + 20x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 96x + 96x^2 + 20x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 16x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 16x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 16x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 16x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 48x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 48x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 48x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 48x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 80x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 80x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 80x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 80x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 112x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 112x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 112x^2 + 24x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 112x^2 + 24x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 28x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 48x + 28x^3 + 69x^5 + x^6), x^{53} (64 + 80x + 28x^3 + 69x^5 + x^6), \\
& x^{53} (64 + 112x + 28x^3 + 69x^5 + x^6), x^{53} (64 + 16x + 32x^2 + 28x^3 + 69x^5 + x^6),
\end{aligned}$$

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

[illegible]

$$\begin{aligned}
& x^{52} (64 + 64x + 32x^2 + 112x^3 + 116x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x^2 + 112x^3 + 116x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 64x^2 + 112x^3 + 116x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 96x^2 + 112x^3 + 116x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 96x^2 + 112x^3 + 116x^4 + 69x^6 + x^7), \quad x^{52} (64 + 16x^2 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 120x^4 + 69x^6 + x^7), \quad x^{52} (64 + 48x^2 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 120x^4 + 69x^6 + x^7), \quad x^{52} (64 + 80x^2 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 120x^4 + 69x^6 + x^7), \quad x^{52} (64 + 112x^2 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 120x^4 + 69x^6 + x^7), \quad x^{52} (64 + 16x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 112x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 32x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 16x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 112x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 64x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 16x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 112x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 96x^3 + 120x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 16x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 48x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 48x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 80x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 80x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 112x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 112x^2 + 16x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 16x^2 + 48x^3 + 124x^4 + 69x^6 + x^7), \\
& x^{52} (64 + 64x + 16x^2 + 48x^3 + 124x^4 + 69x^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, 20 000, Jmin2Amod128n59];

In[]:= Length[Jmin2Amod128n59]

Out[]:= 2048

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
& (1+x)^{52} (366 + 1093x + 1792x^2 + 1799x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (326 + 569x + 520x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (314 + 577x + 540x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (430 + 1189x + 1856x^2 + 1831x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (246 + 655x + 977x^2 + 790x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (334 + 839x + 1097x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (270 + 933x + 1792x^2 + 1895x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (402 + 1093x + 1736x^2 + 1767x^3 + 1146x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (510 + 1413x + 2080x^2 + 1927x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (286 + 727x + 1017x^2 + 798x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (286 + 473x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (350 + 997x + 1600x^2 + 1639x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (282 + 731x + 1021x^2 + 794x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (246 + 591x + 881x^2 + 758x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (398 + 1093x + 1728x^2 + 1735x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (250 + 635x + 925x^2 + 762x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (214 + 591x + 945x^2 + 790x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (386 + 915x + 1125x^2 + 818x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (454 + 1333x + 2096x^2 + 1975x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (294 + 703x + 993x^2 + 806x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (166 + 345x + 424x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (382 + 1061x + 1728x^2 + 1767x^3 + 1142x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (234 + 523x + 781x^2 + 714x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (302 + 743x + 1033x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (170 + 385x + 460x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (478 + 1285x + 1888x^2 + 1799x^3 + 1142x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (326 + 917x + 1584x^2 + 1687x^3 + 1118x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (278 + 789x + 1488x^2 + 1687x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (330 + 715x + 941x^2 + 778x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (222 + 441x + 480x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (306 + 805x + 1384x^2 + 1543x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (326 + 981x + 1680x^2 + 1751x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (334 + 933x + 1504x^2 + 1575x^3 + 1094x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (346 + 1061x + 1800x^2 + 1831x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (322 + 965x + 1640x^2 + 1703x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (414 + 1253x + 1984x^2 + 1895x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 949x + 1616x^2 + 1719x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (270 + 569x + 528x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (438 + 1141x + 1680x^2 + 1655x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (370 + 561x + 516x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (306 + 675x + 917x^2 + 770x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (390 + 1141x + 1904x^2 + 1911x^3 + 1182x^4 + 435x^5 + 76x^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 + 789x + 1296x^2 + 1495x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 853x + 1360x^2 + 1495x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (374 + 1173x + 1936x^2 + 1879x^3 + 1166x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (358 + 799x + 1025x^2 + 806x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (274 + 869x + 1576x^2 + 1671x^3 + 1114x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (238 + 345x + 432x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (266 + 709x + 1320x^2 + 1543x^3 + 1090x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (338 + 805x + 1288x^2 + 1479x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (310 + 885x + 1488x^2 + 1591x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (298 + 741x + 1288x^2 + 1511x^3 + 1090x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (362 + 1221x + 2088x^2 + 1991x^3 + 1186x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (366 + 933x + 1504x^2 + 1639x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (230 + 441x + 456x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (334 + 537x + 496x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (278 + 409x + 440x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (434 + 931x + 1077x^2 + 802x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (346 + 577x + 540x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (194 + 465x + 500x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (226 + 369x + 468x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (254 + 441x + 480x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (230 + 447x + 705x^2 + 710x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (350 + 1029x + 1696x^2 + 1735x^3 + 1142x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (366 + 1125x + 1856x^2 + 1831x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (318 + 505x + 480x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (166 + 533x + 1200x^2 + 1495x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (442 + 1157x + 1704x^2 + 1671x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (282 + 933x + 1704x^2 + 1767x^3 + 1138x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (162 + 369x + 436x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (362 + 779x + 973x^2 + 778x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (314 + 933x + 1704x^2 + 1831x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (462 + 999x + 1129x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (318 + 695x + 921x^2 + 766x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (246 + 623x + 945x^2 + 790x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (310 + 917x + 1552x^2 + 1623x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (374 + 879x + 1105x^2 + 822x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (254 + 537x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (194 + 433x + 468x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (166 + 313x + 424x^2 + 286x^3 + 74x^4 + x^5), (1+x)^{56} (74 + 141x + 72x^2 + x^3), \\
& (1+x)^{52} (374 + 917x + 1392x^2 + 1495x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (214 + 409x + 440x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (334 + 1061x + 1856x^2 + 1895x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (174 + 377x + 432x^2 + 286x^3 + 74x^4 + x^5),
\end{aligned}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
& (1+x)^{54} (286 + 441x + 480x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{55} (234 + 311x + 213x^2 + 73x^3 + x^4), \\
& (1+x)^{52} (342 + 981x + 1680x^2 + 1751x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (354 + 1157x + 1960x^2 + 1895x^3 + 1162x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (342 + 751x + 977x^2 + 790x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (370 + 625x + 548x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (366 + 807x + 1001x^2 + 782x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (366 + 871x + 1097x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (358 + 917x + 1456x^2 + 1559x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (286 + 663x + 889x^2 + 734x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (286 + 601x + 544x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (374 + 1013x + 1616x^2 + 1655x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (246 + 527x + 785x^2 + 726x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (218 + 417x + 444x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (266 + 869x + 1608x^2 + 1703x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (310 + 917x + 1584x^2 + 1687x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{56} (186 + 141x + 72x^2 + x^3), \\
& (1+x)^{52} (462 + 1285x + 1984x^2 + 1927x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (406 + 1141x + 1808x^2 + 1783x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (258 + 773x + 1416x^2 + 1575x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 1077x + 1840x^2 + 1847x^3 + 1166x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (350 + 855x + 1081x^2 + 798x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (422 + 1301x + 2064x^2 + 1943x^3 + 1182x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (186 + 443x + 765x^2 + 730x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (350 + 837x + 1312x^2 + 1479x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (358 + 885x + 1392x^2 + 1527x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (254 + 709x + 1280x^2 + 1479x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (150 + 345x + 440x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (302 + 583x + 777x^2 + 718x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (342 + 1013x + 1648x^2 + 1655x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (382 + 1221x + 2016x^2 + 1927x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (298 + 683x + 941x^2 + 778x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (274 + 901x + 1672x^2 + 1767x^3 + 1146x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (246 + 409x + 472x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (210 + 337x + 452x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (2 + x + x^2) (227 + 585x + 674x^2 + 358x^3 + 75x^4 + x^5), \\
& (1+x)^{55} (214 + 259x + 213x^2 + 73x^3 + x^4), \\
& (1+x)^{53} (238 + 519x + 777x^2 + 718x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (334 + 965x + 1568x^2 + 1607x^3 + 1094x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (274 + 739x + 1077x^2 + 834x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (178 + 433x + 484x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (418 + 1221x + 1992x^2 + 1959x^3 + 1194x^4 + 435x^5 + 76x^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 + 725x + 1264x^2 + 1495x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (162 + 401x + 468x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (470 + 1333x + 2032x^2 + 1911x^3 + 1166x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (362 + 965x + 1576x^2 + 1671x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (254 + 741x + 1344x^2 + 1511x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (274 + 933x + 1768x^2 + 1863x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (274 + 773x + 1352x^2 + 1511x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (466 + 1285x + 1928x^2 + 1831x^3 + 1146x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (294 + 767x + 1057x^2 + 806x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (394 + 1029x + 1608x^2 + 1671x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 853x + 1392x^2 + 1559x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (174 + 441x + 496x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (274 + 547x + 789x^2 + 738x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (286 + 805x + 1408x^2 + 1575x^3 + 1110x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (334 + 1029x + 1728x^2 + 1735x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (314 + 869x + 1512x^2 + 1639x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (338 + 1029x + 1736x^2 + 1767x^3 + 1146x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (522 + 1477x + 2184x^2 + 1991x^3 + 1186x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (326 + 853x + 1456x^2 + 1623x^3 + 1118x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (274 + 593x + 548x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (338 + 707x + 885x^2 + 738x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (306 + 529x + 548x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (230 + 473x + 520x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (150 + 313x + 440x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (334 + 997x + 1664x^2 + 1703x^3 + 1126x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (314 + 933x + 1576x^2 + 1639x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (254 + 505x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (170 + 427x + 749x^2 + 714x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (402 + 1221x + 1960x^2 + 1895x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (418 + 1061x + 1576x^2 + 1607x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (290 + 627x + 869x^2 + 754x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (366 + 601x + 528x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (298 + 481x + 492x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (418 + 1189x + 1928x^2 + 1927x^3 + 1194x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (222 + 503x + 793x^2 + 734x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (390 + 1109x + 1808x^2 + 1815x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (434 + 1093x + 1576x^2 + 1575x^3 + 1082x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (282 + 603x + 861x^2 + 762x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (382 + 1157x + 1888x^2 + 1863x^3 + 1174x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (262 + 543x + 801x^2 + 742x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (462 + 1253x + 1888x^2 + 1831x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (234 + 555x + 845x^2 + 746x^3 + 360x^4 + 75x^5 + x^6),
\end{aligned}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
& (1+x)^{52} (450 + 1381x + 2152x^2 + 1991x^3 + 1194x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (214 + 693x + 1392x^2 + 1591x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (330 + 869x + 1480x^2 + 1639x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 1109x + 1904x^2 + 1879x^3 + 1166x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (198 + 409x + 488x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (350 + 601x + 544x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (290 + 497x + 532x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (378 + 1125x + 1896x^2 + 1895x^3 + 1170x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (334 + 1093x + 1888x^2 + 1863x^3 + 1158x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (346 + 795x + 1053x^2 + 826x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (314 + 837x + 1448x^2 + 1607x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (334 + 569x + 528x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (250 + 603x + 861x^2 + 730x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (470 + 1269x + 1872x^2 + 1783x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (334 + 775x + 1001x^2 + 782x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (2+x) (161 + 249x + 294x^2 + 214x^3 + 73x^4 + x^5), \\
& (1+x)^{53} (198 + 511x + 833x^2 + 742x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (410 + 1093x + 1704x^2 + 1735x^3 + 1138x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (326 + 767x + 1025x^2 + 806x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (430 + 935x + 1097x^2 + 814x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (286 + 409x + 448x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (318 + 823x + 1113x^2 + 830x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (310 + 789x + 1360x^2 + 1559x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (370 + 771x + 949x^2 + 770x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (374 + 1077x + 1776x^2 + 1783x^3 + 1134x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (198 + 473x + 520x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (278 + 473x + 504x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (262 + 671x + 961x^2 + 774x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (350 + 901x + 1440x^2 + 1543x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (302 + 997x + 1824x^2 + 1895x^3 + 1190x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (266 + 683x + 1005x^2 + 810x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (390 + 1141x + 1872x^2 + 1847x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (358 + 1013x + 1712x^2 + 1783x^3 + 1150x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (466 + 1221x + 1768x^2 + 1703x^3 + 1114x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (342 + 885x + 1456x^2 + 1591x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (318 + 791x + 1049x^2 + 798x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{53} (354 + 851x + 1093x^2 + 818x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (402 + 1253x + 2024x^2 + 1927x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (374 + 1077x + 1680x^2 + 1655x^3 + 1102x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (310 + 789x + 1328x^2 + 1495x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (298 + 869x + 1512x^2 + 1639x^3 + 1122x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (378 + 1061x + 1768x^2 + 1831x^3 + 1170x^4 + 435x^5 + 76x^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 + 537x + 528x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (226 + 499x + 773x^2 + 722x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (318 + 773x + 1280x^2 + 1479x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{55} (166 + 211x + 213x^2 + 73x^3 + x^4), \\
& (1+x)^{52} (362 + 901x + 1416x^2 + 1543x^3 + 1090x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (362 + 1125x + 1864x^2 + 1831x^3 + 1154x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (198 + 629x + 1296x^2 + 1527x^3 + 1086x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (314 + 901x + 1480x^2 + 1543x^3 + 1074x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (318 + 791x + 1081x^2 + 830x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (234 + 449x + 460x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (350 + 727x + 921x^2 + 766x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (358 + 569x + 520x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (294 + 789x + 1424x^2 + 1623x^3 + 1118x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (242 + 547x + 821x^2 + 738x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (206 + 441x + 464x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (190 + 549x + 1152x^2 + 1447x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (290 + 901x + 1576x^2 + 1639x^3 + 1098x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (478 + 1047x + 1177x^2 + 830x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (214 + 533x + 1104x^2 + 1431x^3 + 1070x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (338 + 869x + 1448x^2 + 1607x^3 + 1114x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (402 + 1189x + 1864x^2 + 1799x^3 + 1146x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (306 + 707x + 949x^2 + 770x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (314 + 513x + 508x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (290 + 933x + 1672x^2 + 1735x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (314 + 795x + 1085x^2 + 826x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (450 + 1189x + 1768x^2 + 1735x^3 + 1130x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{52} (286 + 741x + 1312x^2 + 1511x^3 + 1078x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (278 + 505x + 536x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (414 + 855x + 985x^2 + 766x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (254 + 473x + 512x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{54} (202 + 385x + 428x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (434 + 1285x + 2056x^2 + 1959x^3 + 1178x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{54} (266 + 481x + 524x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{52} (306 + 805x + 1416x^2 + 1607x^3 + 1114x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (378 + 891x + 1117x^2 + 826x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{54} (230 + 505x + 520x^2 + 286x^3 + 74x^4 + x^5), \\
& (1+x)^{53} (326 + 703x + 929x^2 + 774x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (410 + 1061x + 1608x^2 + 1639x^3 + 1106x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{53} (250 + 571x + 829x^2 + 730x^3 + 360x^4 + 75x^5 + x^6), \\
& (1+x)^{52} (278 + 949x + 1776x^2 + 1847x^3 + 1166x^4 + 435x^5 + 76x^6 + x^7), \\
& (1+x)^{55} (118 + 227x + 213x^2 + 73x^3 + x^4), \\
& (1+x)^{54} (266 + 385x + 428x^2 + 286x^3 + 74x^4 + x^5),
\end{aligned}$$

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

In[*]:= Length[Smod128n59unrefined]

Out[*]= 2048