$f = f_{(0,1,4)}$

$f_{n+1} = x_{n+1}^4 3f_n + x_{n+1}^3 t_n + x_{n+1}^2 3p_n + x_{n+1} 2g_n + f_n$
$f_{n+1} = (x_{n+1}+1)^4 3f_n + (x_{n+1}+1)^3 p_n + (x_{n+1}+1)^2 2f_n + (x_{n+1}+1)4p_n + f_n$
$f_{n+1} = (x_{n+1}+2)^4 3f_n + (x_{n+1}+2)^3 g_n + (x_{n+1}+2)^2 2p_n + (x_{n+1}+2)2t_n + f_n$
$f_{n+1} = (x_{n+1}+3)^4 3f_n + (x_{n+1}+3)^3 s_n + (x_{n+1}+3)^2 4s_n + (x_{n+1}+3)s_n + 4g_n$
$f_{n+1} = (x_{n+1}+4)^4 3f_n + (x_{n+1}+4)^3 h_n + (x_{n+1}+4)^2 h_n + (x_{n+1}+4)h_n + t_n$

$g = f_{(1,0,4)}$

$g_{n+1} = x_{n+1}^4 3g_n + x_{n+1}^3 4f_n + x_{n+1}^2 4s_n + x_{n+1} 2t_n + g_n$
$g_{n+1} = (x_{n+1}+1)^4 3g_n + (x_{n+1}+1)^3 3s_n + (x_{n+1}+1)^2 2g_n + (x_{n+1}+1)2s_n + g_n$
$g_{n+1} = (x_{n+1}+2)^4 3g_n + (x_{n+1}+2)^3 t_n + (x_{n+1}+2)^2 s_n + (x_{n+1}+2)3f_n + g_n$
$g_{n+1} = (x_{n+1}+3)^4 3g_n + (x_{n+1}+3)^3 4h_n + (x_{n+1}+3)^2 h_n + (x_{n+1}+3)4h_n + 4t_n$
$g_{n+1} = (x_{n+1}+4)^4 3g_n + (x_{n+1}+4)^3 2p_n + (x_{n+1}+4)^2 2p_n + (x_{n+1}+4)2p_n + 4f_n$

$h = f_{(1,1,3)}$

$h_{n+1} = x_{n+1}^4 3h_n + x_{n+1}^3 s_n + x_{n+1}^2 2t_n + x_{n+1} 4p_n + h_n$
$h_{n+1} = (x_{n+1}+1)^4 3h_n + (x_{n+1}+1)^3 4t_n + (x_{n+1}+1)^2 2h_n + (x_{n+1}+1)t_n + h_n$
$h_{n+1} = (x_{n+1}+2)^4 3h_n + (x_{n+1}+2)^3 2p_n + (x_{n+1}+2)^2 3t_n + (x_{n+1}+2)2s_n + h_n$
$h_{n+1} = (x_{n+1}+3)^4 3h_n + (x_{n+1}+3)^3 2f_n + (x_{n+1}+3)^2 3f_n + (x_{n+1}+3)2f_n + 3p_n$
$h_{n+1} = (x_{n+1}+4)^4 3h_n + (x_{n+1}+4)^3 3g_n + (x_{n+1}+4)^2 3g_n + (x_{n+1}+4)3g_n + s_n$

$p = f_{(1,2,2)}$

$p_{n+1} = x_{n+1}^4 3p_n + x_{n+1}^3 2h_n + x_{n+1}^2 4f_n + x_{n+1} s_n + p_n$
$p_{n+1} = (x_{n+1}+1)^4 3p_n + (x_{n+1}+1)^3 3f_n + (x_{n+1}+1)^2 2p_n + (x_{n+1}+1)2f_n + p_n$
$p_{n+1} = (x_{n+1}+2)^4 3p_n + (x_{n+1}+2)^3 3s_n + (x_{n+1}+2)^2 f_n + (x_{n+1}+2)4h_n + p_n$
$p_{n+1} = (x_{n+1}+3)^4 3p_n + (x_{n+1}+3)^3 g_n + (x_{n+1}+3)^2 4g_n + (x_{n+1}+3)g_n + 2s_n$
$p_{n+1} = (x_{n+1}+4)^4 3p_n + (x_{n+1}+4)^3 4t_n + (x_{n+1}+4)^2 4t_n + (x_{n+1}+4)4t_n + 2h_n$

$s = f_{(1,3,1)}$

$s_{n+1} = x_{n+1}^4 3s_n + x_{n+1}^3 3p_n + x_{n+1}^2 3g_n + x_{n+1} 3h_n + s_n$
$s_{n+1} = (x_{n+1}+1)^4 3s_n + (x_{n+1}+1)^3 g_n + (x_{n+1}+1)^2 2s_n + (x_{n+1}+1)4g_n + s_n$
$s_{n+1} = (x_{n+1}+2)^4 3s_n + (x_{n+1}+2)^3 4h_n + (x_{n+1}+2)^2 2g_n + (x_{n+1}+2)p_n + s_n$
$s_{n+1} = (x_{n+1}+3)^4 3s_n + (x_{n+1}+3)^3 2t_n + (x_{n+1}+3)^2 3t_n + (x_{n+1}+3)2t_n + h_n$
$s_{n+1} = (x_{n+1}+4)^4 3s_n + (x_{n+1}+4)^3 2f_n + (x_{n+1}+4)^2 2f_n + (x_{n+1}+4)2f_n + 3p_n$

$t = f_{(1,4,0)}$

$t_{n+1} = x_{n+1}^4 3t_n + x_{n+1}^3 4g_n + x_{n+1}^2 h_n + x_{n+1} 3f_n + t_n$
$t_{n+1} = (x_{n+1}+1)^4 3t_n + (x_{n+1}+1)^3 2h_n + (x_{n+1}+1)^2 2t_n + (x_{n+1}+1)3h_n + t_n$
$t_{n+1} = (x_{n+1}+2)^4 3t_n + (x_{n+1}+2)^3 4f_n + (x_{n+1}+2)^2 4h_n + (x_{n+1}+2)3g_n + t_n$
$t_{n+1} = (x_{n+1}+3)^4 3t_n + (x_{n+1}+3)^3 3p_n + (x_{n+1}+3)^2 2p_n + (x_{n+1}+3)3p_n + f_n$
$t_{n+1} = (x_{n+1}+4)^4 3t_n + (x_{n+1}+4)^3 s_n + (x_{n+1}+4)^2 s_n + (x_{n+1}+4)s_n + 4g_n$

	0	1	2	3	4
f_1	4	4	3	4	5
g_1	4	4	5	4	3
h_1	5	5	5	2	5
p_1	5	3	5	4	4
s_1	3	5	4	4	5
t_1	4	4	3	2	3