660 π 6 5 5 6 11 11

1A	2A	3A	5A	5B	6A	11A	11B	Gws
1	1	1	1	1	1	1	1	:
5	1	−1	0	0	1	b11	**	!
5	1	−1	0	0	1	**	b11	!
10	2	1	0	0	−1	−1	−1	:
10	−2	1	0	0	1	−1	−1	:
11	−1	−1	1	1	−1	0	0	:
12	0	0	b5	*	0	1	1	:
π	0	0	*	b5	0	1	1	:

$b5 = \frac{-1+\sqrt{5}}{2}$

(3, 5A, 6)

(3, 5B, 6)

255 AAAF
556 ADGGGHHI
666 AC
256 BH
335 BG
566 CF HI
555 CDDDGHHH
356 DEFG
255 EI
266 F
336 GI
~~566 HI~~
366 I

255 1 $-1/11 = \frac{10}{11}\cdot\frac{660}{5\cdot5\cdot6} = 2$ } EI ×2
* 255′ → 2 } ×1

256 $1+1/11 = \frac{12}{11}\frac{660}{5\cdot5\cdot6} = 2$ } BH ×1

$\frac{\pi}{11}\frac{660}{5\cdot5\cdot6}$ 266 $1+1/5+1/5+2/10-2/10-1/11 \to 2$ } F ×2

* 335 $1+1/11 = \frac{12}{11}\frac{660}{5\cdot6}\cdot 2 = 4$ } BG ×2

336 $1+\frac{1}{5}\frac{1}{5}-\frac{1}{10}+\frac{1}{10}-\frac{1}{11} = \frac{72}{55}\frac{660^2}{666} = 4$ } GI ×2

* 355 $1-1/11 = \frac{10}{11}\frac{660^2}{5\cdot5\cdot6} \Rightarrow 4 = 4$ } AAAF ×2
* 355′ → 4 } ×1

356 $1+\frac{1}{11} = \frac{12}{11}\frac{660^2}{5\cdot5\cdot6} \to 4$ } DEFG ×1

§ 366 $\frac{1}{5}+\frac{1}{10}+\frac{1}{10}-\frac{1}{11} = \frac{39}{55}\cdot\frac{660^2}{666} \to 2\frac{1}{6}$ } I ×2

* 555 $1+\frac{1}{11}+\frac{b5^3\pi_2}{12} = \frac{25}{11}\frac{660^4}{5\cdot5\cdot5} = 4$ } CDDDGHHH ×2 ?

† 555′ $1+\frac{1}{11}+\frac{b5^2b5^*\pi_2}{12} = \frac{155}{121}\frac{660}{555} = 6\frac{1}{5}$

556 $1-\frac{1}{11} = \frac{10}{11}\cdot\frac{660^2}{5\cdot5\cdot6} = 4$ } ADGGGHHI ×2
55′6 → 4 } ×1

566 $1+\frac{1}{11} = \frac{12}{11}\cdot\frac{660^2}{5\cdot6\cdot6} \Rightarrow 4$ } CF HI ×2

666 $1+\frac{1}{5}+\frac{1}{5}-\frac{1}{10}+\frac{1}{10}-\frac{1}{11} = \frac{72}{55}\frac{660^2}{666} \to 4$ } AC ×2

$b5^3 = \frac{-1+3\sqrt{5}-3\cdot5+5\sqrt{5}}{8} = -2+\sqrt{5}$

$\therefore \frac{b5^3\pi_2}{\pi_2} = \frac{-4}{12} = -\frac{1}{3}$

$b5\,b5^* = \frac{1-5}{4} = -1$

$\therefore b5^2\,b5^*\pi_2 = -b5\,\pi_2 = 1$

355, 555

255′, 355′, 335

*: these happen in A5

†: in 11.5 of G

§: in ~~G6~~