

n	(p, q)	γ	ε_V	deviation	B	$\ B\ _F^2$	S/V/E	covolume
1	(4, 2)	$-0.22816 + 1.11514i$	$4 \leftrightarrow 12$	2.04×10^{-14}	$(0.29, 0.53, -0.10)$	0.38	24/32/54	0.793730924087971
		$-0.22816 - 1.11514i$	$4 \leftrightarrow 12$	2.44×10^{-14}	$(0.35, 0.44, 0.31)$	0.41	22/26/46	0.793775329716258
		$-1.77184 + 1.11514i$	$4 \leftrightarrow 12$	1.26×10^{-13}	$(0.39, 0.56, 0.03)$	0.46	22/30/50	0.794323319649266
		$-1.77184 - 1.11514i$	$4 \leftrightarrow 11$	1.08×10^{-13}	$(-0.34, 0.45, 0.34)$	0.44	22/30/50	0.794323319649402
	(2, 4)	$-0.22816 + 1.11514i$	$3 \leftrightarrow 14$	1.86×10^{-14}	$(0.11, 0.33, 0.23)$	0.18	22/26/46	0.793839731308609
		$-0.22816 - 1.11514i$	$4 \leftrightarrow 14$	4.95×10^{-14}	$(0.08, 0.37, 0.17)$	0.17	24/32/54	0.794272642251702
		$-1.77184 + 1.11514i$	$4 \leftrightarrow 14$	7.48×10^{-14}	$(0.30, 0.38, -0.15)$	0.26	22/30/50	0.794323319650373
2	(4, 2)	$-1.77184 - 1.11514i$	$4 \leftrightarrow 13$	5.28×10^{-14}	$(0.30, 0.39, 0.14)$	0.26	22/30/50	0.794323319650378
		$0.20711 + 0.97832i$	$4 \leftrightarrow 12$	3.80×10^{-14}	$(0.46, 0.57, -0.20)$	0.58	24/30/52	1.028680367759286
		$0.20711 - 0.97832i$	$4 \leftrightarrow 13$	1.80×10^{-14}	$(0.51, 0.53, 0.28)$	0.62	24/30/52	1.028760806843382
		$-2.20711 + 0.97832i$	$4 \leftrightarrow 12$	8.73×10^{-14}	$(-0.30, 0.32, 0.54)$	0.49	24/30/52	1.028760806843202
	(2, 4)	$-2.20711 - 0.97832i$	$4 \leftrightarrow 12$	1.64×10^{-13}	$(-0.32, 0.52, 0.36)$	0.50	24/30/52	1.028504497181299
		$0.20711 + 0.97832i$	$4 \leftrightarrow 13$	5.44×10^{-14}	$(-0.05, 0.33, 0.54)$	0.40	24/30/52	1.028504497182124
		$0.20711 - 0.97832i$	$4 \leftrightarrow 13$	4.50×10^{-14}	$(0.21, 0.40, 0.25)$	0.27	24/30/52	1.028697470061227
3	(4, 2)	$-2.20711 + 0.97832i$	$5 \leftrightarrow 13$	1.23×10^{-13}	$(-0.20, 0.09, 0.47)$	0.27	24/30/52	1.028810003857120
		$-2.20711 - 0.97832i$	$4 \leftrightarrow 14$	8.79×10^{-14}	$(0.43, 0.39, 0.23)$	0.39	24/30/52	1.028873340639614
	(2, 4)	$-0.50000 + 1.32288i$	$4 \leftrightarrow 12$	5.04×10^{-14}	$(0.54, 0.62, -0.14)$	0.69	28/36/62	1.332406780851792
		$-0.50000 - 1.32288i$	$4 \leftrightarrow 13$	5.64×10^{-14}	$(0.58, 0.59, 0.20)$	0.73	28/36/62	1.332638039347383
			13	8.22×10^{-14}				1.332638039347364
	(2, 4)	$-1.50000 + 1.32288i$	$4 \leftrightarrow 12$	3.52×10^{-13}	$(0.37, 0.58, 0.00)$	0.48	30/44/72	1.333967006828866
		$-1.50000 - 1.32288i$	$4 \leftrightarrow 12$	2.87×10^{-13}	$(0.37, 0.58, -0.02)$	0.48	30/44/72	1.333967006828922
4	(4, 2)	$-0.50000 + 1.32288i$	$4 \leftrightarrow 13$	7.10×10^{-13}	$(-0.08, 0.29, 0.57)$	0.41	28/36/62	1.333352290650703
		$-0.50000 - 1.32288i$	$4 \leftrightarrow 14$	1.44×10^{-13}	$(0.36, 0.43, 0.23)$	0.37	28/36/62	1.333372391725309
			14	1.41×10^{-13}				1.333372391725283
		$-1.50000 + 1.32288i$	$5 \leftrightarrow 13$	4.23×10^{-13}	$(0.28, 0.41, -0.12)$	0.27	30/44/72	1.333837383963351
	(2, 4)	$-1.50000 - 1.32288i$	$4 \leftrightarrow 12$	1.15×10^{-13}	$(0.28, 0.42, 0.11)$	0.27	30/44/72	1.333837383963306
		$0.34781 + 1.02885i$	$6 \leftrightarrow 10$	2.91×10^{-12}	$(0.58, 0.60, -0.23)$	0.75	32/44/74	2.232892791283357
		$0.34781 - 1.02885i$	$6 \leftrightarrow 10$	3.12×10^{-12}	$(0.54, 0.42, 0.46)$	0.67	40/68/106	2.229129242949574
5	(4, 2)	$-2.34781 + 1.02885i$	$5 \leftrightarrow 10$	2.76×10^{-12}	$(-0.34, 0.37, 0.59)$	0.61	48/68/114	2.228185242921229
		$-2.34781 - 1.02885i$	$7 \leftrightarrow 10$	2.07×10^{-11}	$(-0.36, 0.56, 0.42)$	0.62	48/68/114	2.226313685909248
		$0.34781 + 1.02885i$	$5 \leftrightarrow 13$	7.14×10^{-12}	$(0.09, 0.27, 0.41)$	0.25	40/68/106	2.229754821992193
		$0.34781 - 1.02885i$	$4 \leftrightarrow 13$	2.62×10^{-12}	$(0.41, 0.44, 0.31)$	0.46	32/44/74	2.232710498631728
	(2, 4)	$-2.34781 + 1.02885i$	$6 \leftrightarrow 11$	2.97×10^{-12}	$(-0.15, 0.11, 0.56)$	0.35	48/68/114	2.228627856967081
		$-2.34781 - 1.02885i$	$6 \leftrightarrow 12$	1.32×10^{-11}	$(0.54, 0.39, 0.30)$	0.53	48/68/114	2.231108255566736
6	(4, 2)	$-0.77330 + 1.46771i$	$5 \leftrightarrow 13$	1.12×10^{-12}	$(0.61, 0.63, -0.11)$	0.77	30/40/68	1.926198482790508
		$-0.77330 - 1.46771i$	$5 \leftrightarrow 13$	2.68×10^{-13}	$(0.64, 0.62, 0.20)$	0.83	30/40/68	1.926630884489936
		$-1.22670 + 1.46771i$	$6 \leftrightarrow 13$	3.32×10^{-12}	$(0.40, 0.60, -0.02)$	0.52	34/48/80	1.921819864166848
		$-1.22670 - 1.46771i$	$5 \leftrightarrow 13$	5.88×10^{-12}	$(0.40, 0.60, 0.00)$	0.53	34/48/80	1.919045852349486
	(2, 4)	$-0.77330 + 1.46771i$	$4 \leftrightarrow 13$	4.11×10^{-13}	$(0.33, 0.19, 0.61)$	0.51	30/40/68	1.926727950702606
		$-0.77330 - 1.46771i$	$4 \leftrightarrow 13$	2.48×10^{-12}	$(0.58, 0.32, 0.39)$	0.60	30/40/68	1.926727950701057
			13	1.39×10^{-12}				1.926727950703559
7	(4, 2)	$-1.22670 + 1.46771i$	$4 \leftrightarrow 12$	1.98×10^{-13}	$(0.18, 0.18, 0.50)$	0.31	32/44/74	1.927861496441281
		$-1.22670 - 1.46771i$	$4 \leftrightarrow 12$	4.11×10^{-13}	$(0.30, 0.43, 0.13)$	0.29	34/48/80	1.925812729834557
			4	5.31×10^{-13}				1.925812729834050
	(2, 4)	$-0.09473 + 1.28374i$	$5 \leftrightarrow 11$	1.61×10^{-12}	$(0.50, 0.60, -0.16)$	0.64	40/60/98	2.597157107493283
		$-0.09473 - 1.28374i$	$6 \leftrightarrow 10$	1.75×10^{-12}	$(0.69, 0.42, 0.46)$	0.87	34/52/84	2.597642037600054
		$-1.90527 + 1.28374i$	$6 \leftrightarrow 12$	9.56×10^{-12}	$(0.52, 0.64, 0.01)$	0.68	36/54/88	2.608247243662376
8	(4, 2)	$-1.90527 - 1.28374i$	$8 \leftrightarrow 11$	3.14×10^{-12}	$(-0.36, 0.52, 0.42)$	0.58	36/54/88	2.613640484296453
		$-0.09473 + 1.28374i$	$6 \leftrightarrow 13$	7.72×10^{-12}	$(0.32, 0.24, 0.49)$	0.40	38/60/96	2.598191623666021
			4	7.61×10^{-12}				2.598191623665997
			5		failure.			
	(2, 4)	$-0.09473 - 1.28374i$	$5 \leftrightarrow 13$	5.14×10^{-12}	$(0.29, 0.43, 0.23)$	0.32	40/60/98	2.595359034906877
		$-1.90527 + 1.28374i$	$6 \leftrightarrow 12$	6.00×10^{-11}	$(-0.31, 0.12, 0.48)$	0.33	36/54/88	2.611707676528477
		$-1.90527 - 1.28374i$	$7 \leftrightarrow 12$	6.58×10^{-11}	$(0.50, 0.31, 0.35)$	0.48	40/58/96	2.600005617840727
9	(4, 2)	$-0.09473 + 1.28374i$	$6 \leftrightarrow 9$	1.79×10^{-12}	$(0.68, 0.52, 0.43)$	0.92	30/42/70	1.986069411118363
		$0.88465 + 0.58974i$	$5 \leftrightarrow 10$	3.59×10^{-13}	$(0.60, 0.53, 0.35)$	0.77	30/42/70	1.985525637343016
		$-2.88465 + 0.58974i$	$6 \leftrightarrow 11$	5.29×10^{-13}	$(-0.28, 0.17, 0.71)$	0.61	30/42/70	1.988902948387202
		$-2.88465 - 0.58974i$	$4 \leftrightarrow 10$	4.04×10^{-12}	$(-0.32, 0.71, 0.24)$	0.66	30/42/70	1.987396444211165
	(2, 4)	$0.88465 + 0.58974i$	$4 \leftrightarrow 13$	4.10×10^{-13}	$(0.26, 0.35, 0.43)$	0.38	30/42/70	1.984732456421766
		$0.88465 - 0.58974i$	$4 \leftrightarrow 11$	3.87×10^{-13}	$(0.33, 0.57, 0.52)$	0.70	30/42/70	1.984987636520065
		$-2.88465 + 0.58974i$	$5 \leftrightarrow 13$	1.74×10^{-12}	$(-0.10, 0.04, 0.57)$	0.33	30/42/70	1.985674551422753
10	(4, 2)	$-2.88465 - 0.58974i$	$6 \leftrightarrow 13$	2.96×10^{-12}	$(0.55, 0.51, 0.40)$	0.73	30/42/70	1.984728379613146
	(2, 4)							

Table 1: Table 5.9