

n	(p, q)	γ	ε_V	deviation	B	$\ B\ _E^2$	S/V/E	covolume
1	(6, 2)	$0.00000 + 1.00000i$	$4 \leftrightarrow 13$	1.15×10^{-14}	(0.46, 0.52, 0.41)	0.64	20/22/40	0.610643729451075
		$0.00000 - 1.00000i$	$4 \leftrightarrow 13$	1.14×10^{-14}	(0.46, 0.49, 0.41)	0.61	20/22/40	0.610124675044900
		$-1.00000 + 1.00000i$	$6 \leftrightarrow 13$	2.98×10^{-14}	(-0.09, 0.65, 0.28)	0.51	18/22/38	0.610643729451021
		$-1.00000 - 1.00000i$	13	5.22×10^{-14}				0.610643729451050
	(2, 6)	$0.00000 + 1.00000i$	$4 \leftrightarrow 12$	2.82×10^{-14}	(-0.09, 0.55, 0.44)	0.51	18/22/38	0.610643729451040
		$0.00000 - 1.00000i$	$3 \leftrightarrow 13$	2.35×10^{-14}	(0.12, 0.36, 0.06)	0.15	20/22/40	0.609758967962758
		$0.00000 - 1.00000i$	3	1.31×10^{-14}				0.609758967962676
		$-1.00000 + 1.00000i$	$3 \leftrightarrow 13$	1.17×10^{-14}	(-0.12, 0.34, 0.15)	0.15	20/22/40	0.610691628099879
		$-1.00000 + 1.00000i$	$3 \leftrightarrow 14$	1.55×10^{-14}	(0.04, 0.36, -0.12)	0.14	18/22/38	0.610643729451591
		$-1.00000 - 1.00000i$	$4 \leftrightarrow 14$	6.66×10^{-15}	(0.04, 0.36, 0.11)	0.14	18/22/38	0.610643729451522
2	(6, 2)	$0.87744 + 0.74486i$	$4 \leftrightarrow 11$	5.82×10^{-14}	(-0.47, 0.71, 0.23)	0.78	20/26/44	1.022578858868845
		$0.87744 - 0.74486i$	$5 \leftrightarrow 14$	6.93×10^{-14}	(-0.43, 0.67, 0.31)	0.72	22/30/50	1.021266309675690
		$-1.87744 + 0.74486i$	$4 \leftrightarrow 13$	1.73×10^{-13}	(0.20, 0.68, 0.35)	0.63	26/38/62	1.020123408160045
		$-1.87744 - 0.74486i$	$6 \leftrightarrow 13$	2.73×10^{-13}	(0.06, 0.79, 0.24)	0.69	26/36/60	1.021317792812498
	(2, 6)	$0.87744 + 0.74486i$	$4 \leftrightarrow 12$	4.35×10^{-14}	(0.23, 0.40, 0.12)	0.23	22/30/50	1.021266309674652
		$0.87744 - 0.74486i$	$3 \leftrightarrow 13$	2.82×10^{-14}	(0.23, 0.41, 0.14)	0.24	20/26/44	1.022004856907895
		$0.87744 - 0.74486i$	13	4.35×10^{-14}				1.022004856907774
		$-1.87744 + 0.74486i$	$4 \leftrightarrow 13$	2.58×10^{-13}	(-0.12, 0.31, 0.28)	0.18	26/38/62	1.021187860075532
		$-1.87744 - 0.74486i$	$3 \leftrightarrow 13$	4.07×10^{-14}	(0.17, 0.37, 0.19)	0.20	26/38/62	1.020786170671771
3	(6, 2)	$-0.21508 + 1.30714i$	$4 \leftrightarrow 11$	3.72×10^{-13}	(-0.36, 0.76, 0.19)	0.75	26/36/60	1.021347614330418
		$-0.21508 - 1.30714i$	$4 \leftrightarrow 13$	1.18×10^{-13}	(-0.32, 0.79, -0.05)	0.73	26/38/62	1.021768522986962
		$-0.78492 + 1.30714i$	$5 \leftrightarrow 11$	1.38×10^{-13}	(-0.10, 0.80, 0.22)	0.70	24/26/48	1.021266309673058
		$-0.78492 - 1.30714i$	$4 \leftrightarrow 13$	7.08×10^{-14}	(-0.27, 0.70, 0.41)	0.73	22/26/46	1.019497428415570
	(2, 6)	$-0.21508 + 1.30714i$	$5 \leftrightarrow 13$	4.31×10^{-14}	(0.00, 0.29, 0.33)	0.20	22/28/48	1.021444941021198
		$-0.21508 - 1.30714i$	$4 \leftrightarrow 14$	2.00×10^{-13}	(0.13, 0.41, 0.17)	0.22	26/38/62	1.022378515079977
		$-0.78492 + 1.30714i$	$4 \leftrightarrow 13$	1.58×10^{-14}	(0.15, 0.28, 0.34)	0.22	22/26/46	1.019497428415326
		$-0.78492 + 1.30714i$	13	1.51×10^{-13}				1.019497428414627
		$-0.78492 - 1.30714i$	$3 \leftrightarrow 12$	6.68×10^{-14}	(0.17, 0.43, 0.11)	0.23	24/26/48	1.021266309674068
4	(6, 2)	$1.41964 + 0.60629i$	$4 \leftrightarrow 11$	6.80×10^{-12}	(-0.10, 0.78, 0.35)	0.74	30/48/76	1.853822926081037
			4	6.79×10^{-12}				1.853822926081040
			11					1.853822926081656
			10					failure.
	(2, 6)	$1.41964 - 0.60629i$	$5 \leftrightarrow 11$	1.98×10^{-12}	(-0.40, 0.65, 0.62)	0.97	26/38/62	1.853113400207439
		$-2.41964 + 0.60629i$	$5 \leftrightarrow 12$	1.22×10^{-12}	(0.04, 0.86, 0.31)	0.83	28/34/60	1.849394026788523
		$-2.41964 - 0.60629i$	$5 \leftrightarrow 12$	3.20×10^{-13}	(0.04, 0.86, 0.31)	0.83	32/42/72	1.853421079185258
		$1.41964 + 0.60629i$	$4 \leftrightarrow 13$	1.11×10^{-13}	(0.10, 0.44, 0.57)	0.53	28/40/66	1.849081037072025
		$1.41964 - 0.60629i$	$4 \leftrightarrow 13$	7.19×10^{-14}	(0.21, 0.40, 0.35)	0.33	28/40/66	1.853421079184026
		$-2.41964 + 0.60629i$	$4 \leftrightarrow 12$	6.56×10^{-13}	(0.11, 0.36, 0.32)	0.25	36/48/82	1.853815964173367
		$-2.41964 - 0.60629i$	$5 \leftrightarrow 13$	1.59×10^{-12}	(0.32, 0.40, 0.26)	0.33	36/48/82	1.853815964175094
5	(6, 2)	$0.77184 + 1.11514i$	$5 \leftrightarrow 12$	1.27×10^{-13}	(-0.46, 0.68, 0.47)	0.90	26/32/56	1.853421079183917
		$0.77184 - 1.11514i$	$5 \leftrightarrow 12$	3.38×10^{-13}	(-0.45, 0.81, 0.18)	0.88	28/36/62	1.854318201353658
		$-1.77184 + 1.11514i$	$5 \leftrightarrow 12$	7.75×10^{-12}	(0.01, 0.86, 0.31)	0.84	30/48/76	1.852704566782116
		$-1.77184 - 1.11514i$	$5 \leftrightarrow 13$	3.37×10^{-12}	(0.01, 0.87, 0.31)	0.85	28/40/66	1.853421079182651
	(2, 6)	$0.77184 + 1.11514i$	$4 \leftrightarrow 12$	1.87×10^{-12}	(0.26, 0.36, 0.38)	0.34	28/36/62	1.855268147965626
		$0.77184 - 1.11514i$	$4 \leftrightarrow 13$	4.85×10^{-13}	(0.23, 0.42, 0.29)	0.31	26/32/56	1.851437303822129
		$-1.77184 + 1.11514i$	$6 \leftrightarrow 12$	1.03×10^{-13}	(-0.26, 0.22, 0.48)	0.35	28/40/66	1.851412053612527
		$-1.77184 - 1.11514i$	$4 \leftrightarrow 13$	6.15×10^{-13}	(0.47, 0.43, 0.28)	0.49	28/40/66	1.852848782731610
6	(6, 2)	$1.23279 + 0.79255i$	$5 \leftrightarrow 9$	1.13×10^{-11}	(-0.15, 0.74, 0.37)	0.70	34/48/80	2.10488886208937
		$1.23279 - 0.79255i$	$5 \leftrightarrow 9$	6.59×10^{-12}	(-0.47, 0.73, 0.49)	0.99	26/34/58	2.112230922031761
		$-2.23279 + 0.79255i$	$5 \leftrightarrow 12$	2.92×10^{-12}	(0.02, 0.85, 0.16)	0.75	34/50/82	2.108523889564296
		$-2.23279 - 0.79255i$	$5 \leftrightarrow 12$	2.73×10^{-12}	(0.02, 0.86, 0.26)	0.81	34/48/80	2.109921205240231
	(2, 6)	$1.23279 + 0.79255i$	$4 \leftrightarrow 13$	3.36×10^{-13}	(0.41, 0.42, 0.32)	0.45	28/36/62	2.110523747092161
		$1.23279 - 0.79255i$	$3 \leftrightarrow 13$	1.35×10^{-11}				2.110692420015884
		$1.23279 - 0.79255i$	3	1.38×10^{-11}	(0.32, 0.53, 0.45)	0.58	28/36/62	2.110692420016515
		$1.23279 - 0.79255i$	13	7.86×10^{-13}				2.110692420000852
		$-2.23279 + 0.79255i$	$5 \leftrightarrow 12$	1.93×10^{-12}	(0.03, 0.34, 0.34)	0.23	34/50/82	2.109257715349852
		$-2.23279 - 0.79255i$	$4 \leftrightarrow 13$	2.57×10^{-12}	(0.32, 0.40, 0.25)	0.32	34/50/82	2.109558614713941
7	(6, 2)	$1.66236 + 0.56228i$	$5 \leftrightarrow 10$	8.45×10^{-9}	(-0.01, 0.85, 0.32)	0.82	46/64/108	4.398582444311185
		$1.66236 - 0.56228i$	$6 \leftrightarrow 7$	9.04×10^{-9}	(-0.42, 0.76, 0.55)	1.06	40/54/92	4.396495857865980
		$-2.66236 + 0.56228i$	$7 \leftrightarrow 10$	1.56×10^{-10}	(0.11, 0.80, 0.34)	0.77	54/84/136	4.393018786595057
		$-2.66236 - 0.56228i$	$6 \leftrightarrow 9$	2.34×10^{-10}	(0.02, 0.87, 0.31)	0.85	46/66/110	4.400822885695283
	(2, 6)	$1.66236 + 0.56228i$	$4 \leftrightarrow 12$	7.37×10^{-11}	(0.56, 0.31, 0.54)	0.70	42/56/96	4.402234623856832
		$1.66236 - 0.56228i$	$6 \leftrightarrow 12$	1.36×10^{-10}	(0.33, 0.42, 0.39)	0.44	64/96/158	4.408328044588912
		$-2.66236 + 0.56228i$	$5 \leftrightarrow 11$	6.76×10^{-10}	(-0.05, 0.21, 0.55)	0.35	50/70/118	4.403179323627133
		$-2.66236 - 0.56228i$	$5 \leftrightarrow 11$	2.64×10^{-9}	(0.56, 0.53, 0.55)	0.90	48/68/114	4.401909752798479

Table 1: Table Q5.12