

	(p, q)	γ	ε_V	deviation	B	$\ B\ _E^2$	S/V/E	covolume
1	(6, 2)	$-0.50000 + 0.86603i$	$3 \leftrightarrow 13$ 3 4	7.55×10^{-15} 7.77×10^{-15} 8.44×10^{-15}	(0.32, 0.24, 0.44)	0.36	10/7/16	0.253735401603465
		$-0.50000 - 0.86603i$	$3 \leftrightarrow 13$ 4	8.66×10^{-15}				0.253735401603176 0.253735401602411
	(2, 6)	$-0.50000 + 0.86603i$	$3 \leftrightarrow 13$ 3, 4 5	6.22×10^{-15}	(0.17, 0.07, 0.19)	0.07	10/8/17	0.253735401603135 0.253735401602576 0.253735401602561
		$-0.50000 - 0.86603i$	$4 \leftrightarrow 13$	failure.				0.253735401603777
2	(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
		$-1.00000 + 1.00000i$	$6 \leftrightarrow 13$ 13	2.98×10^{-14} 5.22×10^{-14}	(-0.09, 0.65, 0.28)	0.51	18/22/38	0.610643729451021 0.610643729451050
		$-1.00000 - 1.00000i$	$4 \leftrightarrow 12$	2.82×10^{-14}	(-0.09, 0.55, 0.44)	0.51	18/22/38	0.610643729451040
	(2, 6)	$0.00000 + 1.00000i$	$3 \leftrightarrow 13$ 3	2.35×10^{-14} 1.31×10^{-14}	(0.12, 0.36, 0.06)	0.15	20/22/40	0.609758967962758 0.609758967962676
		$0.00000 - 1.00000i$	$3 \leftrightarrow 13$	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
3	(6, 2)	$0.50000 + 0.86603i$	$4 \leftrightarrow 10$ $4 \leftrightarrow 10$ 4	6.49×10^{-13} 1.89×10^{-13} 1.43×10^{-13}	(0.32, 0.55, 0.36) (0.31, 0.43, 0.49)	0.53 0.52	20/17/36 20/17/36	0.507512535466457 0.507470803201674 0.507470803203489
		$-1.50000 + 0.86603i$	$4 \leftrightarrow 12$	2.00×10^{-14}	(0.02, 0.67, 0.38)	0.60	16/14/30	1.015497614363542
		$-1.50000 - 0.86603i$	$4 \leftrightarrow 12$	1.35×10^{-14}	(-0.04, 0.71, 0.25)	0.57	10/14/24	1.014941606407466
		$0.50000 + 0.86603i$	$3 \leftrightarrow 12$	1.51×10^{-14}	(-0.23, -0.03, 0.33)	0.16	22/21/42	0.507438590492248
	(2, 6)	$0.50000 - 0.86603i$	$3 \leftrightarrow 13$ 3	1.85×10^{-13} 1.87×10^{-13}	(-0.20, 0.24, 0.25)	0.16	20/17/36	0.508115372507426 0.508115372507441
		$-1.50000 + 0.86603i$	$3 \leftrightarrow 14$	6.22×10^{-15}	(0.17, 0.36, -0.20)	0.20	16/14/30	1.016300073516832
		$-1.50000 - 0.86603i$	$3 \leftrightarrow 13$	5.00×10^{-15}	(0.18, 0.36, 0.20)	0.20	16/14/30	1.016300073515976
4	(6, 2)	$-0.50000 + 1.32288i$	$5 \leftrightarrow 12$	3.33×10^{-14}	(-0.28, 0.79, 0.21)	0.75	16/13/28	Free?
		$-0.50000 - 1.32288i$	$4 \leftrightarrow 12$	2.02×10^{-14}	(-0.29, 0.76, -0.27)	0.73	16/13/28	Free?
	(2, 6)	$-0.50000 + 1.32288i$	$3 \leftrightarrow 13$ 3 4, 5, 6 12, 13 6	3.00×10^{-15} 3.55×10^{-15} 3.00×10^{-15} 9.33×10^{-15}	(-0.08, 0.21, 0.47)	0.27	15/16/30	Free?
		12/11/22	Free?					
		17/19/35	Free?					
	(2, 6)	$-0.50000 - 1.32288i$	$4 \leftrightarrow 13$ 4, 5 12, 13 6	9.88×10^{-15} 4.88×10^{-15} 1.34×10^{-14}	(0.38, 0.66, 0.34)	0.70	15/16/30	Free?
		12/11/22	Free?					
		17/19/35	Free?					
5	(6, 2)	$-0.21508 - 1.30714i$	$4 \leftrightarrow 13$	1.18×10^{-13}	(-0.32, 0.79, -0.05)	0.73	26/38/62	1.021768522986962
		$-0.21508 + 1.30714i$	$4 \leftrightarrow 11$	3.72×10^{-13}	(-0.36, 0.76, 0.19)	0.75	26/36/60	1.021347614330418
		$-0.78492 - 1.30714i$	$4 \leftrightarrow 13$	7.08×10^{-14}	(-0.27, 0.70, 0.41)	0.73	22/26/46	1.019497428415570
		$-0.78492 + 1.30714i$	$5 \leftrightarrow 11$	1.38×10^{-13}	(-0.10, 0.80, 0.22)	0.70	24/26/48	1.021266309673058
	(2, 6)	$-0.21508 - 1.30714i$	$4 \leftrightarrow 14$	2.00×10^{-13}	(0.13, 0.41, 0.17)	0.22	26/38/62	1.022378515079977
		$-0.21508 + 1.30714i$	$5 \leftrightarrow 13$	4.31×10^{-14}	(0.00, 0.29, 0.33)	0.20	22/28/48	1.021444941021198
		$-0.78492 - 1.30714i$	$3 \leftrightarrow 12$	6.68×10^{-14}	(0.17, 0.43, 0.11)	0.23	24/26/48	1.021266309674068
		$-0.78492 + 1.30714i$	$4 \leftrightarrow 13$ 13	1.58×10^{-14} 1.51×10^{-13}	(0.15, 0.28, 0.34)	0.22	22/26/46	1.019497428415326 1.019497428414627
6	(6, 2)	$0.34116 - 1.16154i$	$5 \leftrightarrow 12$	1.51×10^{-13}	(-0.48, 0.74, 0.22)	0.82	26/36/60	1.320409963222722
		$0.34116 + 1.16154i$	$4 \leftrightarrow 11$	2.40×10^{-13}	(-0.49, 0.53, 0.55)	0.82	26/36/60	1.321558562482194
		$-1.34116 - 1.16154i$	$4 \leftrightarrow 13$	1.77×10^{-13}	(-0.03, 0.72, 0.52)	0.79	22/30/50	1.319305550520877
		$-1.34116 + 1.16154i$	$4 \leftrightarrow 13$	1.56×10^{-13}	(-0.11, 0.80, 0.33)	0.75	22/30/50	1.318904026482595
	(2, 6)	$0.34116 - 1.16154i$	$4 \leftrightarrow 13$	8.26×10^{-14}	(0.11, 0.40, 0.23)	0.22	26/36/60	1.322625363588137
		$0.34116 + 1.16154i$	$4 \leftrightarrow 13$	4.51×10^{-14}	(0.22, 0.36, 0.30)	0.27	22/30/50	1.320702203534967
		$-1.34116 - 1.16154i$	$6 \leftrightarrow 13$	7.86×10^{-14}	(0.33, 0.42, 0.20)	0.33	22/30/50	1.319305550520717
		$-1.34116 + 1.16154i$	$5 \leftrightarrow 13$	4.60×10^{-14}	(0.33, 0.41, -0.22)	0.33	22/30/50	1.319305550520641
7	(6, 2)	$1.00000 + 0.00000i$	$3 \leftrightarrow 15$		failure. possibly generates a finite-sheeted cover			
		$-2.00000 + 0.00000i$	$3 \leftrightarrow 12$	1.62×10^{-14}	(0.01, 0.85, 0.23)	0.78	11/9/19	Free?
	(2, 6)	$1.00000 + 0.00000i$	$3 \leftrightarrow 14$	4.88×10^{-15}	(0.70, 0.44, 0.54)	0.96	5/0/5	Free?
		$-2.00000 + 0.00000i$	$3 \leftrightarrow 14$ 3, 4, 5, 6 7	1.40×10^{-14} 5.77×10^{-15}	(-0.24, -0.09, 0.88)	0.85	11/9/19	Free?
		7/6/12	Free?					
8	(6, 2)	$0.87744 - 0.74486i$	$5 \leftrightarrow 14$	6.93×10^{-14}	(-0.43, 0.67, 0.31)	0.72	22/30/50	1.021266309675690
		$0.87744 + 0.74486i$	$4 \leftrightarrow 11$	5.82×10^{-14}	(-0.47, 0.71, 0.23)	0.78	20/26/44	1.022578858868845
		$-1.87744 - 0.74486i$	$6 \leftrightarrow 13$	2.73×10^{-13}	(0.06, 0.79, 0.24)	0.69	26/36/60	1.021317792812498
		$-1.87744 + 0.74486i$	$4 \leftrightarrow 13$	1.73×10^{-13}	(0.20, 0.68, 0.35)	0.63	26/38/62	1.020123408160045
	(2, 6)	$0.87744 - 0.74486i$	$3 \leftrightarrow 13$ 13	2.82×10^{-14} 4.35×10^{-14}	(0.23, 0.41, 0.14)	0.24	20/26/44	1.022004856907895 1.022004856907774
		$0.87744 + 0.74486i$	$4 \leftrightarrow 12$	4.35×10^{-14}	(0.23, 0.40, 0.12)	0.23	22/30/50	1.021266309674652
		$-1.87744 - 0.74486i$	$3 \leftrightarrow 13$	4.07×10^{-14}	(0.17, 0.37, 0.19)	0.20	26/38/62	1.020786170671771
		$-1.87744 + 0.74486i$	$4 \leftrightarrow 13$	2.58×10^{-13}	(-0.12, 0.31, 0.28)	0.18	26/38/62	1.021187860075532