

Torsion angles of structures analyzed in this paper

refcode	$\tau_1$	$\tau_2$	$\tau_3$	$\tau_4$	$\tau_5$	$\tau_6$	$\tau_7$	$\tau_8$
AMCOCA	67.22	-65.36	97.90	-46.39	-63.49	67.24	40.46	-98.01
BAGPII	66.40	-66.48	103.83	-45.31	-64.24	66.51	40.89	-99.23
BAJQIN	-100.35	76.22	-75.42	83.63	-16.78	-79.14	60.11	46.03
BAJQOT	-102.31	50.41	58.90	-86.15	-9.73	80.50	-72.94	72.23
BAJQUZ	102.79	-63.86	62.33	-100.12	43.74	65.48	-61.45	-47.48
BCOCTB	-38.71	-69.47	64.78	45.39	-103.50	73.21	-74.95	101.40
BEYPAW	100.44	-47.01	-63.25	64.47	44.04	-102.25	66.57	-65.10
CLCOCT	-67.22	-41.17	100.33	-62.96	60.65	-100.72	48.15	62.12
COCOAC	-96.06	37.94	68.84	-60.14	-48.20	104.77	-67.41	65.67
COCOXA10	-63.08	62.10	46.75	-105.81	70.72	-70.32	100.96	-43.41
COVLUU	104.76	-64.67	67.85	-91.56	24.24	78.14	-56.99	-53.85
CURBIA	60.87	48.28	-109.02	65.49	-66.09	106.69	-42.73	-64.08
CUVZEY	100.51	-69.05	69.56	-98.31	40.15	65.60	-64.22	-42.51
CYOCDL	63.26	-101.35	44.12	66.25	-67.81	-41.77	99.26	-62.81
DEZPUT	-82.27	96.48	-82.03	70.46	-83.20	92.26	-73.29	63.84
DUVFUV03	-61.86	-46.94	101.27	-67.31	68.24	-97.04	36.86	68.79
DUVFUV03	-62.02	69.09	36.35	-97.11	69.00	-68.26	101.78	-46.76
ECOTDA	107.36	-71.47	70.91	-79.31	0.24	92.53	-50.52	-56.95
EOCNON10	134.39	-85.32	48.65	-82.39	124.85	-80.67	47.71	-84.75
FADTAG	-61.18	-49.46	104.33	-65.82	68.40	-99.06	36.15	71.22
GATRAU	38.48	-99.31	68.78	-65.86	101.61	-48.70	-61.89	67.06
GIPPAW	-72.82	1.56	70.21	-0.11	-72.23	1.13	70.45	0.23
GIQRUT	65.49	-66.09	102.25	-44.61	-65.30	66.64	41.96	-98.54
GIVBAO	-40.98	-66.16	65.62	40.27	-96.94	66.94	-64.51	96.39
HABXEN	-59.66	80.73	-115.09	87.44	-58.11	83.10	-112.42	82.92
HABXEN	62.47	40.84	-109.07	73.20	-61.81	99.11	-51.02	-58.63
HAVGOA	-1.74	-72.42	119.07	-77.77	-1.40	77.20	-115.85	74.53
HAVGUG	-3.33	-72.12	119.29	-76.75	-2.73	77.70	-116.16	76.35
HEMTIC	123.17	-61.80	-37.82	71.89	5.22	-64.29	58.51	-78.76
HEMTIC	120.13	-61.10	-39.15	74.86	5.69	-67.46	59.26	-76.21
HEMTIC	120.72	-59.79	-39.67	78.37	1.54	-67.32	62.31	-79.91
HEMTIC	123.26	-58.46	-41.42	73.99	10.47	-69.29	58.38	-78.33
HOXTHD	-106.39	68.73	-71.62	90.65	-21.10	-77.40	55.17	54.85
HUMULB10	-58.67	93.11	-68.60	86.74	-80.67	-4.44	92.91	-53.29
IFOKOD	-48.43	87.74	-49.26	-56.15	61.41	42.78	-106.62	61.57
IGARUD	-102.08	50.69	60.35	-78.68	-21.66	90.05	-72.53	67.89
JAGQIR	90.47	-67.34	80.32	-96.89	82.57	-64.72	76.33	-103.64
JITNIJ	-0.83	76.58	-117.78	74.82	0.83	-76.58	117.78	-74.82
JIWWUH	-66.90	67.42	-101.86	45.55	59.28	-58.58	-46.21	101.82
JIWWUH	69.52	-68.49	101.74	-45.11	-59.82	58.12	46.39	-103.99
JOQMIL	-99.80	56.63	52.41	-92.75	-1.24	83.96	-75.52	67.24
JOQMIL	-100.55	57.98	48.33	-93.14	0.09	81.14	-73.61	67.81
JOQMIL01	-99.96	56.98	52.28	-92.87	-1.37	84.20	-76.07	67.54
JOQMIL01	-100.39	57.70	48.17	-92.89	0.27	80.97	-73.40	68.01
KESVIN	-66.29	60.31	-97.19	54.67	54.01	-78.55	-22.29	88.33
KIKWAC	0.34	-75.65	117.75	-75.53	-0.34	75.65	-117.75	75.53
KOJDIW	117.37	-65.48	-40.48	82.95	1.15	-78.09	75.27	-81.80
KOJDOC	53.93	-22.52	-56.36	80.33	-3.79	-74.46	60.42	-37.95
KOJNUS	1.13	72.30	0.72	-73.28	-0.75	72.76	2.27	-75.63
KOJPAA	-0.73	-75.60	117.88	-76.41	0.73	75.60	-117.88	76.41
KOJPAA	0.44	-77.02	118.35	-75.40	-0.44	77.02	-118.35	75.40

MOZSAV	-1.59	-72.36	107.53	-75.86	1.59	72.36	-107.53	75.86
NACGAZ	61.49	-65.07	-42.29	102.33	-68.25	66.66	-100.75	45.85
NADCOK	4.73	-87.37	53.45	22.44	-0.94	-85.80	56.25	15.89
NADNAH	52.79	-105.01	77.09	-72.76	75.69	0.02	-90.12	50.76
NUJHUV	-64.25	-43.65	100.85	-60.28	57.71	-101.90	50.20	62.44
NUWMIB	-116.36	62.73	44.41	-82.37	-8.50	82.42	-67.08	71.03
NUZDER	100.40	-47.60	-63.55	79.17	22.09	-88.44	72.94	-69.75
OCSHYD	54.37	-58.72	103.75	-50.11	-57.65	66.48	36.11	-88.25
PAPWAE	-0.91	75.49	-108.71	73.70	0.91	-75.49	108.71	-73.70
PAPWAE	-1.47	74.97	-107.69	72.68	1.47	-74.97	107.69	-72.68
PAZJEF	101.61	-49.75	-62.03	71.73	34.30	-97.16	67.89	-63.92
PCDODO	-104.60	69.33	-72.37	78.67	-5.80	-82.44	52.08	57.02
PETFOJ	-85.88	76.94	-67.44	-1.83	90.92	-70.55	-24.46	88.92
PIVWEW	-66.11	-41.41	100.52	-67.14	66.49	-100.23	45.09	63.11
POYJOC	99.36	-61.22	64.39	-100.24	39.45	69.53	-61.88	-49.15
POYJOC	101.07	-64.39	66.12	-99.03	39.94	67.94	-62.75	-46.61
QADNEP	-104.67	67.23	-69.73	87.62	-21.83	-77.25	56.35	52.06
QETVUG	84.56	-94.29	45.80	55.35	-123.98	43.73	49.66	-86.07
QOTGEL	-64.28	62.68	-101.63	48.95	60.42	-67.50	-39.65	98.43
QOTGEL01	-56.60	58.52	-99.29	51.25	56.44	-74.24	-24.23	83.48
RECFOU	-40.43	-67.30	63.08	50.10	-103.58	62.11	-62.04	96.49
RECPUK	67.90	-66.90	102.00	-44.63	-64.68	62.22	48.09	-102.91
RILWIS	-124.02	58.69	39.97	-71.80	-7.55	63.51	-55.88	78.77
RILWIS	-120.42	59.88	40.66	-75.87	-5.05	68.07	-59.83	76.78
RIZCUY	-1.35	-85.55	78.76	-64.42	95.15	-62.84	-44.41	90.27
RULMAM	106.51	-75.14	72.29	-79.79	1.96	90.41	-50.34	-54.09
SATKIH	-80.82	4.86	10.98	53.94	-100.38	71.40	-61.45	95.13
SATKIH	84.57	-17.45	-0.10	-55.74	101.24	-72.23	59.81	-91.83
SATKIH	-79.37	14.67	-4.52	60.81	-99.33	72.99	-68.28	100.10
SATKIH	-94.88	74.78	-63.17	82.91	-94.07	79.18	-64.14	81.35
SEJFIW	76.19	-90.52	87.58	-74.30	4.15	83.67	-85.76	-1.72
SEJFIW	-73.93	88.00	-88.22	75.79	-4.58	-84.20	86.90	0.55
SORDAE	1.35	75.60	-119.51	75.17	2.55	-78.19	116.91	-75.39
SPOCTC10	-63.90	66.09	-98.44	36.46	69.61	-61.13	-49.14	101.28
SPTZBN	105.42	-75.27	75.16	-79.42	0.55	90.47	-53.75	-52.79
VALGOE	-102.30	51.95	59.22	-74.59	-29.07	93.58	-68.35	64.60
VALGOE	-103.43	50.97	60.60	-73.95	-29.98	92.98	-68.20	66.20
VASWOB	104.72	-54.30	-57.89	80.35	18.91	-88.77	70.98	-67.54
VIDNAX	-1.82	-74.76	119.00	-78.31	1.82	74.76	-119.00	78.31
VIDNAX01	-6.87	61.05	26.45	-84.41	-2.82	55.24	29.02	-83.54
VIDNAX01	9.33	81.99	-30.60	-55.24	4.28	86.20	-31.36	-58.67
VIDNEB	-0.90	77.95	-117.86	73.40	0.90	-77.95	117.86	-73.40
WAHRAY	-0.90	-74.78	6.91	66.73	1.55	-72.39	0.70	72.34
WIDSEH	110.55	-80.63	66.83	-64.32	-6.11	88.52	-49.44	-50.13
WIRPAO	43.21	-99.87	70.21	-68.28	97.87	-47.68	-57.54	61.84
WOQKUI	105.40	-54.46	-54.86	78.72	20.81	-91.35	72.69	-69.26
XENREN	-104.57	72.91	-75.13	80.89	-2.38	-89.23	52.51	55.31
XEPWUK	-84.39	53.09	-56.78	102.77	-34.88	-69.79	73.84	43.59
XOLYEC	105.01	-69.82	70.81	-78.06	4.82	88.54	-54.91	-53.75
XUDWEY	66.15	-63.34	-47.00	103.07	-66.51	68.09	-101.20	40.99
XUDWIC	-100.34	66.79	-68.70	101.00	-41.83	-64.62	61.31	46.80
XUDWOI	-96.78	66.10	-67.83	101.04	-42.36	-65.86	67.29	41.14
XULROL	77.31	-90.23	100.72	-46.69	-50.76	121.33	-56.29	-33.33
YAFLAS	88.25	-50.74	54.34	-93.94	51.06	49.50	-52.60	-47.78
YOPPEY	42.10	-99.80	64.03	-66.73	105.08	-45.82	-63.03	67.19
YOPPEY	39.23	-98.94	66.41	-66.34	104.27	-49.94	-58.49	67.32
YOPPIC	44.93	-47.95	98.13	-53.31	-57.89	81.61	13.77	-72.05
YOPPIC	4.58	21.13	-89.86	55.43	55.75	-89.68	15.40	18.44

ZAVRET	-61.74	61.82	45.39	-108.85	74.40	-70.67	101.95	-44.00
ZAYPEU	106.13	-68.49	69.16	-86.10	18.42	81.50	-57.60	-52.87
ZAYPIY	-105.94	70.35	-69.18	87.28	-25.46	-74.88	60.10	48.39
AHOQOD	-69.28	-36.41	99.73	-67.74	62.89	-97.68	47.96	61.03
BEHNEI	-45.55	-62.71	67.82	38.80	-100.00	68.57	-67.36	100.04
UMIJJ	0.08	-92.36	51.03	53.52	-97.10	70.47	-78.04	83.15