Olivin Spindeltischdaten, gemessen in Bromnaphthalin, 2. Datensatz

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1 Beschreibung

Olivin.

1.1 Optimierter Azimuth

1.1.1 Achswinkel $2V$:

	Estimate	SE	CI_l	CI_u
2V	86.59	1.44	83.76	89.43

1.1.2 Kartesische Koordinaten der Achsen:

	parameter	Estimate	SE	CI_l	CI_u
1	OA1x	0.80	0.01	0.79	0.82
2	OA1y	0.59	0.01	0.57	0.62
3	OA1z	0.07	0.01	0.04	0.09
4	OA2x	-0.43	0.01	-0.45	-0.41
5	OA2y	0.39	0.01	0.37	0.41
6	OA2z	0.82	0.01	0.80	0.83
7	ONx	0.46	0.01	0.44	0.48
8	ONy	-0.69	0.01	-0.71	-0.66
9	ONz	0.57	0.01	0.55	0.59
10	ABx	-0.85	0.00	-0.85	-0.84
11	ABy	-0.14	0.01	-0.15	-0.13
12	ABz	0.52	0.00	0.51	0.52
13	OBx	0.27	0.01	0.26	0.29
14	OBy	0.71	0.01	0.69	0.74
15	OBz	0.64	0.01	0.62	0.67

1.1.3 Sphärische Koordinaten der Achsen:

	Parameter	Estimate	SE	CI_l	CI_u
1	OA1 S	6.34	1.43	3.53	9.15
2	OA1 ES	36.53	0.90	34.78	38.29
3	OA2 S	64.52	0.71	63.12	65.92
4	OA2 ES	115.29	0.62	114.08	116.49
5	ON S	140.43	1.07	138.34	142.52
6	ON ES	62.73	0.56	61.63	63.84
7	AB S	105.11	0.52	104.09	106.13
8	AB ES	147.72	0.32	147.10	148.35
9	OB S	41.97	1.02	39.96	43.97
10	OB ES	74.07	0.44	73.21	74.93

1.1.4 Winkel, die die Hauptachsen in die Drehtischebene bringen

	Axis	S	MS(EW)	MS(NS)
1	AB	105.11	7.72	97.72
2	OB	41.97	114.07	24.07
3	ON	140.43	102.73	12.73

1.1.5 Daten im Wulffschen Netz

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## [1] "Wulffnet"
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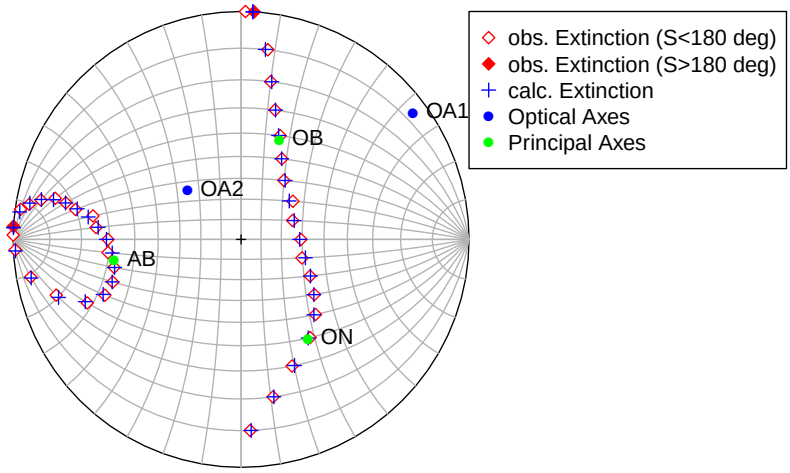

1.1.6 Gemessene und berechnete Extinktionen

	S	MS	ES obs.	ES calc.	ES obs. - ES calc.
1	0	38.90	178.90	177.02	1.88
2	10	32.10	172.10	172.81	-0.71
3	20	30.00	170.00	169.64	0.36
4	30	27.20	167.20	166.99	0.21
5	40	23.90	163.90	164.55	-0.65
6	50	22.00	162.00	162.10	-0.10
7	60	20.10	160.10	159.53	0.57
8	70	15.10	155.10	156.79	-1.69
9	80	14.70	154.70	153.94	0.76
10	90	10.60	150.60	151.15	-0.55
11	100	10.30	150.30	148.71	1.59
12	110	7.20	147.20	147.02	0.18
13	120	6.40	146.40	146.63	-0.23
14	130	7.50	147.50	148.19	-0.69
15	140	11.70	151.70	152.48	-0.78
16	150	20.80	160.80	159.85	0.95
17	160	29.20	169.20	168.92	0.28
18	170	37.30	177.30	177.03	0.27
19	180	43.30	3.30	2.98	0.32