

79.

33 Grossenhain—II Strauch—30 Grossdobritz—32 Quersa—34 Raschütz.

$$I = \frac{\sin^{33 \cdot 11}_{32} \cdot \sin^{33 \cdot 32}_{30} \cdot \sin^{33 \cdot 30}_{34} \cdot \sin^{33 \cdot 34}_{11}}{\sin^{32 \cdot 33}_{11} \cdot \sin^{30 \cdot 33}_{32} \cdot \sin^{34 \cdot 33}_{30} \cdot \sin^{11 \cdot 33}_{34}}$$

$33 \cdot 11$ 32	= 78° 59' 22" 1939 — (391) + (395)	$32 \cdot 33$ 11	= 30° 53' 32" 0281 — (142) + (145)
	— 78		+ 59
$33 \cdot 32$ 30	= 22 55 26.0843 — (360) + (362)	$30 \cdot 33$ 32	= 61 29 11.0776 — (388) + (391)
	+ 45		— 31
$33 \cdot 30$ 34	= 73 23 11.9705 — (412) + (406)	$34 \cdot 33$ 30	= 22 12 11.1749 — (359) + (360)
	— 87		+ 36
$33 \cdot 34$ 11	= 20 41 48.4715 — (145) + (147)	$11 \cdot 33$ 34	= 49 25 18.2578 — (410) + (412)
	+ 30		— 56
<u>9.991 9310. 927</u>	+ 4.0968 · {— (391) + (395)}	<u>9.710 4769. 342</u>	+ 35.1918 · {— (142) + (145)}
<u>9.590 5168. 186</u>	+ 49.7886 · {— (360) + (362)}	<u>9.943 8425. 575</u>	+ 11.4386 · {— (388) + (391)}
<u>9.981 4815. 530</u>	+ 6.2825 · {— (412) + (406)}	<u>9.577 3665. 072</u>	+ 51.5865 · {— (359) + (360)}
<u>9.548 2942. 847</u>	+ 55.7338 · {— (145) + (147)}	<u>9.880 5381. 518</u>	+ 18.0334 · {— (410) + (412)}
<u>9.112 2237. 490</u>		<u>9.112 2241. 507</u>	
<u>9.112 2241. 507</u>			
	— 4. 017		

Divisor: 20.

$$0 = -0.20085 + 1.75959 \cdot (142) - 4.54628 \cdot (145) + 2.78669 \cdot (147) + 2.57932 \cdot (359) - 5.06875 \cdot (360) + 2.48943 \cdot (362) + 0.57193 \cdot (388) - 0.77677 \cdot (391) + 0.20484 \cdot (395) + 0.31413 \cdot (406) + 0.90167 \cdot (410) - 1.21579 \cdot (412).$$

80.

32 Quersa—II Strauch—30 Grossdobritz—34 Raschütz.

$$I = \frac{\sin^{11 \cdot 32}_{30} \cdot \sin^{32 \cdot 30}_{34} \cdot \sin^{32 \cdot 34}_{11}}{\sin^{32 \cdot 30}_{11} \cdot \sin^{34 \cdot 32}_{30} \cdot \sin^{11 \cdot 32}_{34}}$$

$11 \cdot 32$ 30	= 16° 22' 15" 3004 — (361) + (362)	$32 \cdot 30$ 11	= 23° 9' 11" 7865 — (142) + (143)
	+ 30		+ 46
$32 \cdot 30$ 34	= 73 23 12.2855 — (411) + (406)	$34 \cdot 32$ 30	= 45 7 37.2592 — (359) + (362)
	— 88		+ 81
$32 \cdot 34$ 11	= 51 35 20.4996 — (142) + (147)	$11 \cdot 32$ 34	= 49 25 17.9428 — (410) + (411)
	+ 89		— 55
<u>9.450 0249. 554</u>	+ 71.6770 · {— (361) + (362)}	<u>9.594 6049. 203</u>	+ 49.2370 · {— (142) + (143)}
<u>9.981 4817. 508</u>	+ 6.2825 · {— (411) + (406)}	<u>9.850 4456. 556</u>	+ 20.9627 · {— (359) + (362)}
<u>9.894 0803. 041</u>	+ 16.6946 · {— (142) + (147)}	<u>9.880 5375. 839</u>	+ 18.0334 · {— (410) + (411)}
<u>9.325 5870. 103</u>		<u>9.325 5881. 598</u>	
<u>9.325 5881. 598</u>			
	— 11. 495		

Divisor: 10.

$$0 = -1.14950 + 3.25424 \cdot (142) - 4.92370 \cdot (143) + 1.66946 \cdot (147) + 2.09627 \cdot (359) - 7.16770 \cdot (361) + 5.07143 \cdot (362) + 0.62825 \cdot (406) + 1.80334 \cdot (410) - 2.43159 \cdot (411).$$