

Beobachtungen auf Malta, von Herrn *Lassell*.

Observations of Hyperion.

		Greenw. M. T.					
1852	Nov. 1	10 ^h 50 ^m	precedes	Saturn's centre	225 ^o 0	South of Saturn's centre	52 ^o 9
	2	10 54	"	"	190,0	"	67,8
	3	11 18	"	"	134,8	"	85,3
	4	12 52	"	"	81,9	"	92,0
	5	10 31	"	"	19,6	"	97,7
	6	11 17	follows	"	46,3	"	92,2
	10	11 32	"	"	248,9	"	32,7
	11	11 9	"	"	258,7	"	8,5
	12	10 54	"	"	250,4	North	18,2
	13	10 11	"	"	224,4	"	38,2
	15	11 9	"	"	101,8	"	71,6
	16	10 11	"	"	23,9	"	75,3
	18	10 16	precedes	"	132,0	"	55,4
	19	10 17	"	"	196,2	"	37,0
	20	10 21	"	"	230,7	"	13,4
	27	10 18	follows	"	32,6	South	89,8
	29	10 1	"	"	154,6	"	75,3
Dec.	2	8 49	"	"	252,6	"	18,0
	3	9 51	"	"	256,7	North	8,0
	9	11 15	precedes	"	111,6	"	58,0
	13	10 12	"	"	225,8	South	31,8
	15	9 29	"	"	165,7	"	67,3
	20	8 26	follows	"	127,5	"	74,7
	27	8 0	"	"	150,5	North	59,5
1853	Janr. 7	8 22	precedes	"	75,2	South	80,5
	8	8 18	"	"	16,5	"	87,2
	12	7 11	follows	"	194,3	"	53,8
	14	6 39	"	"	242,7	"	15,4
	15	5 43	"	"	242,1	North	13,3
	17	5 57	"	"	169,2	"	50,1

Period deduced from five observations in 1850 compared with the above, 21,297 days. A rather large ellipticity of orbit is shown by the above observations.

Observations of Japetus.

		G. M. T.					
1852	Oct. 30	11 ^h 18 ^m	precedes	Saturns centre	293 ^o	South of Saturns centre	206 ^o
	Nov. 1	10 50	"	"	195,0	"	195,0
	3	10 54	"	"	119,0	"	195,0
	5	10 31	"	"	19,6	"	169,8
	6	11 30	follows	"	46,3	"	159,6
	10	11 32	"	"	217,6	"	106,0
	11	11 9	"	"	261,5	"	89,5
	13	10 11	"	"	343,9	"	59,1
	15	11 30	"	"	409,6	"	25,4
	16	10 31	"	"	447,4	"	7,6
	18	10 25	"	"	507,6	North	26,7
	19	10 27	"	"	517,9	"	46,4
	20	10 36	"	"	551,2	"	68,3
	27	10 33	"	"	589,3	"	163,2
	29	10 39	"	"	568,9	"	186,5
Dec.	3	10 6	"	"	485,8	"	217,4
	13	10 18	"	"	113,8	"	195,4
	15	9 29	"	"	28,8	"	175,7
	27	8 30	precedes	"	431,7	"	6,5

