



Universiteit  
Leiden  
The Netherlands

## **Positions of minor planets and the orbit of one new planet, discovered by H. van Gent**

Pels, G.

### **Citation**

Pels, G. (1934). Positions of minor planets and the orbit of one new planet, discovered by H. van Gent. *Bulletin Of The Astronomical Institutes Of The Netherlands*, 7, 195. Retrieved from <https://hdl.handle.net/1887/6112>

Version: Not Applicable (or Unknown)

License: [Leiden University Non-exclusive license](#)

Downloaded from: <https://hdl.handle.net/1887/6112>

**Note:** To cite this publication please use the final published version (if applicable).

# BULLETIN OF THE ASTRONOMICAL INSTITUTES OF THE NETHERLANDS.

1934 June 30

Volume VII.

No. 259.

## COMMUNICATION FROM THE OBSERVATORY AT LEIDEN.

Positions of minor planets and the orbit of one new planet, discovered by H. van Gent,  
by G. Pels.

On the plates taken at Johannesburg with the 10-inch Franklin-Adams telescope Dr. VAN GENT has identified the minor planets of which the positions are communicated in this note. The plates have been measured at Leiden in the new Schlesinger measuring machine and the reductions have been performed

according to COMRIE's method (*J.B.A.A.* vol. 39, p. 203). The positions are the average of two, measured and reduced independently on plates taken after each other.

The magnitudes have been estimated by Dr. VAN GENT.

Planet	Mag.	Date Gr. C.T.	$\alpha_{1900}$	$\delta_{1900}$	Comparison stars
New	12.8	1930 Apr. 21 <sup>h</sup> 87 <sup>m</sup> 06 <sup>s</sup> 0	<sup>h</sup> 12 <sup>m</sup> 32 <sup>s</sup> 55.95	— 9° 18' 23.9"	San Fern. 12 <sup>h</sup> 36 <sup>m</sup> , — 9°: 8, 18, 21
		1933			
32	11.0 11.5	Oct. 19 <sup>h</sup> 94 <sup>m</sup> 98 <sup>s</sup> 6 Nov. 7 <sup>h</sup> 83 <sup>m</sup> 36 <sup>s</sup> 4	2 4 37.55 1 48 30.13	+ 14 7 11.4 12 3 6.0	Bordeaux 2 <sup>h</sup> 8 <sup>m</sup> , + 14°: 2, 8, 35 " 1 <sup>h</sup> 52 <sup>m</sup> , + 12°: 6, 68, 71
43	9.0	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3	1 17 36.24	14 1 21.8	" 1 <sup>h</sup> 20 <sup>m</sup> , + 14°: 14, 69, 81
58	12.2	Nov. 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0	1 48 2.88	4 38 10.4	Toulouse: 1 <sup>h</sup> 48 <sup>m</sup> , + 5°: 65, 67, 71
107	11.4	Nov. 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0	1 40 57.85	1 48 44.7	Algiers 1 <sup>h</sup> 44 <sup>m</sup> , + 2°: 96, 99, 106
126	12.0	Oct. 21 <sup>h</sup> 84 <sup>m</sup> 54 <sup>s</sup> 3	2 55 27.76	18 10 27.4	Paris 2 <sup>h</sup> 56 <sup>m</sup> , + 18°: 40, 49, 56
149	12.0	Oct. 21 <sup>h</sup> 84 <sup>m</sup> 54 <sup>s</sup> 3	2 56 47.48	15 14 23.0	Bordeaux 3 <sup>h</sup> 0 <sup>m</sup> , + 15°: 7, 8, 10
179	11.2	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3	1 19 51.12	18 15 0.1	Paris 1 <sup>h</sup> 20 <sup>m</sup> , + 18°: 24, 35, 39
190	12.3	Nov. 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0	1 50 7.00	6 0 42.6	Toulouse 1 <sup>h</sup> 48 <sup>m</sup> , + 7°: III, 114, 117
208	12.5 13.2 13.5	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3 Nov. 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0 " 14 <sup>h</sup> 81 <sup>m</sup> 73 <sup>s</sup> 5	1 27 50.94 1 12 17.88 1 9 30.30	10 12 20.8 8 48 44.4 8 33 12.6	Bordeaux 1 <sup>h</sup> 24 <sup>m</sup> , + 11°: 215; 1 <sup>h</sup> 32 <sup>m</sup> : 61, 64 Toulouse 1 <sup>h</sup> 16 <sup>m</sup> , + 9°: 1, 45, 47 Toulouse 1 <sup>h</sup> 8 <sup>m</sup> , + 9°: 53, 55, 58
312	13.0	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3	1 26 49.38	13 54 39.7	Bordeaux 1 <sup>h</sup> 28 <sup>m</sup> , + 14°: 15, 40, 45
320	14.0	Oct. 21 <sup>h</sup> 84 <sup>m</sup> 54 <sup>s</sup> 3	2 29 54.94	16 3 34.8	" 2 <sup>h</sup> 32 <sup>m</sup> , + 16°: 4, 10, 55
388	12.5 12.5	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3 Nov. 7 <sup>h</sup> 83 <sup>m</sup> 36 <sup>s</sup> 4	1 28 19.05 1 13 28.34	14 44 22.0 13 41 35.7	" 1 <sup>h</sup> 32 <sup>m</sup> , + 15°: 7, 71, 77 " 1 <sup>h</sup> 16 <sup>m</sup> , + 13°: 21, 38, 47
461	13.4	Oct. 19 <sup>h</sup> 94 <sup>m</sup> 98 <sup>s</sup> 6	2 18 59.66	12 0 45.8	" 2 <sup>h</sup> 16 <sup>m</sup> , + 12°: 80, 219, 223
494	12.8	Oct. 19 <sup>h</sup> 94 <sup>m</sup> 98 <sup>s</sup> 6	2 7 46.02	11 30 41.4	" 2 <sup>h</sup> 8 <sup>m</sup> , + 12°: 71, 77, 78
541	12.8 13.8	Oct. 19 <sup>h</sup> 90 <sup>m</sup> 47 <sup>s</sup> 3 Nov. 7 <sup>h</sup> 83 <sup>m</sup> 36 <sup>s</sup> 4	1 41 5.54 1 26 5.60	18 52 20.4 16 57 22.4	Paris 1 <sup>h</sup> 40 <sup>m</sup> , + 19°: 70, 171, 175 Bordeaux 1 <sup>h</sup> 24 <sup>m</sup> , + 17°: 44, 99, 111
674	11.0	Nov. 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0	1 49 52.10	1 33 42.6	Algier 1 <sup>h</sup> 52 <sup>m</sup> , + 2°: 71, 75, 77
755	13.3	" 9 <sup>h</sup> 79 <sup>m</sup> 13 <sup>s</sup> 0	1 41 9.57	6 52 5.6	Toulouse 1 <sup>h</sup> 40 <sup>m</sup> , + 7°: 46, 89, 95
808	13.5	" 14 <sup>h</sup> 81 <sup>m</sup> 73 <sup>s</sup> 5	0 54 37.76	2 28 32.4	Algier 0 <sup>h</sup> 56 <sup>m</sup> , + 2°: 24, 25, 36
912	13.0	Oct. 19 <sup>h</sup> 94 <sup>m</sup> 98 <sup>s</sup> 6	2 14 59.64	+ 12 17 45.3	Bordeaux 2 <sup>h</sup> 16 <sup>m</sup> , + 12°: 37, 39, 47

