

OSSERVAZIONI DI 62 SISTEMI MULTIPLI

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SOMMARIO. — Negli anni 1956 e 1957 sono state eseguite col rifrattore Merz-Repsold dell'Osservatorio di Merate ($\phi = 487$ mm, $f = 698$ cm) 160 osservazioni visuali di 62 sistemi multipli.

ABSTRACT. — Observations of 62 multiple systems are made during the years 1956-1957 by the author with the Merate visual Merz-Repsold refractor ($\phi = 487$ mm, $f = 698$ cm).

1. — La presente Nota contiene 160 osservazioni visuali di 62 ⁽¹⁾ sistemi multipli 5 sistemi sono orbitali e 10 di tipo di « Associazioni O » (O—M); 15 sistemi e inoltre 26 coppie non sono state osservate dopo il catalogo di Aitken (1925).

2. — Tutte le osservazioni sono state eseguite durante gli anni 1956-1957 al rifrattore di Merz-Repsold dell'Osservatorio Astronomico di Merate - Milano di 487 mm di apertura e di 698 cm di distanza focale. Le osservazioni formano la seconda parte di un programma incominciato già durante gli anni 1954-1955 ⁽²⁾. Le osservazioni visuali furono sempre fatte a campo oscuro e fili illuminati, ordinariamente in posizione del cannocchiale prossima al meridiano, e dopo il 1956.74 sempre con un oculare di ingrandimento di 250 volte. Come durante il periodo 1954-1955, avendo soggiornato soltanto periodicamente all'Osservatorio di Merate, lo scrivente fu obbligato di sfruttare tutte le possibilità, anche in condizioni meteorologiche sfavorevoli, per cui le osservazioni non sono state sempre ottime. Durante il 1956-1957 il moto orario del rifrattore era sempre in buon funzionamento. Salvo poche eccezioni, furono effettuate per ogni osservazione quattro puntate nell'angolo di posizione p e nella distanza d delle stelle della coppia; con coppie strette era necessario fare puntate tangenziali ($|oo|$) per la determinazione delle distanze. Per il valore del passo micrometrico fu usato di nuovo $1^R = 22''.42$. Le distanze erano sempre $< 160''$ e gli angoli orari t ordinariamente $< 3^h$. Perciò la correzione per la rifrazione differenziale

(*) Ricevuta il 10 maggio 1957.

$$\Delta d = kd [1 + tg^2 \approx \cos^2 (p - q)]$$

si rese necessaria solamente per poche coppie (³).

3. — Nella Tabella I sono registrate le osservazioni corrispondenti all'ordine del catalogo di Aitken. Nella prima colonna è dato il numero di Aitken ADS ed eventualmente indicazioni circa osservazioni rare del sistema. Multiple con orbite conosciute sono segnate con un asterisco *. Le diverse coppie in un sistema sono designate nel modo ordinario. Nella seconda colonna è portato il sinonimo del sistema e, sotto, l'epoca delle osservazioni. Nella terza e quarta colonna sono riportati i valori della ascensione retta e della declinazione del sistema e, sotto, gli angoli di posizione e le distanze misurate. In queste tre ultime colonne sono riportate anche le medie degli argomenti. Nell'ultima colonna sono riportati, sotto l'indicazione delle grandezze e delle due componenti, annotazioni generali sulla situazione meteorologica e strumentale, in particolare indicazioni delle misure in posizioni molto distanti del meridiano ($t > 3^h$) e delle misure tangenziali col micrometro ($|\infty|$).

Nella Tabella II è riportato il confronto delle osservazioni e dei valori calcolati di p e di d per i sistemi orbitali. Nella prima colonna sono dati i numeri del catalogo Aitken, nella seconda l'epoca della effemeride dell'orbita e nella terza e quarta colonna le differenze O—C (Osservazione-Calcolo) in p e d . L'ultima colonna contiene il nome dell'autore.

Nella Tabella III sono infine date tutte le osservazioni di sistemi O—M, che sono veramente di un interesse speciale. Nella prima colonna è registrato il numero del catalogo Aitken, nella seconda colonna l'epoca della determinazione dell'angolo di posizione p e della distanza, che sono riportati nelle colonne tre e quattro; sono riportate le osservazioni soltanto fino 1875.

La quinta colonna contiene il peso della determinazione calcolato come proporzionale alla radice quadrata del numero delle osservazioni. La determinazione (più recente) dell'autore è segnata con F. Sono osservabili solo poche coppie che presentano una variazione nella loro posizione.

4. — Ringrazio di nuovo il dott. P. Muller (Strasburgo-Meudon) per tutte le sue informazioni riguardanti le osservazioni dei sistemi multipli dopo il 1925.

TABELLA I

| | | | | | |
|---|----------|----------------------------------|-------------------------------|----------------------------------|------------|
| ADS 361 | | $\Sigma 30$ | A = 0h24m.5 | D = 49°42' | 6.8 — 8.7 |
| AB | | 56.875 56.878 <hr/> 56.877 | 304.8 305.3 <hr/> 305.0 | 15.78 16.20 <hr/> 15.99 | |
| AD Nuova stella di confronto | | 56.875 56.878 <hr/> 56.877 | 248.2 250.7 <hr/> 249.5 | 148.43 148.63 <hr/> 148.53 | 6.8 — 10½? |
| ADS 899 | | $\Sigma 88 = \psi^1 \text{Pisc}$ | A = 01h03m.0 | D = 21°13' | 4.9 — 5.0 |
| AB | | 56.875 56.878 <hr/> 56.877 | 157.5 158.4 <hr/> 158.0 | 30.55 30.90 <hr/> 30.73 | |
| AC Sola osserv. 1907.75 122°4; 94".18 | | 56.875 56.878 <hr/> 56.877 | 122.9 122.5 <hr/> 122.7 | 92.55 91.90 <hr/> 92.23 | 4.9 — 10.5 |
| ADS 1073 | | H III 23 = Φ Cass | A = 01h16m.9 | D = 57°58' | 5.2 — 7.5 |
| AC | | 56.875 56.878 <hr/> 56.877 | 228.8 229.7 <hr/> 229.3 | 134.53 135.23 <hr/> 134.88 | |
| CD Sola oss. 1907.11 264°.8; 41."54 | | 56.875 56.878 <hr/> 56.877 | 264.7 265.9 <hr/> 265.3 | 42.83 42.66 <hr/> 42.75 | 7.5 — 11.0 |
| ADS 1209 | | $\Sigma 131$ | A = 01h29.9 | D = 60°26' | 6.0 — 9.2 |
| AB | | 56.875 56.878 <hr/> 56.877 | 140.0 141.2 <hr/> 140.6 | 14.23 15.31 <hr/> 14.77 | |
| AC | | 56.875 56.878 <hr/> 56.877 | 141.7 144.4 <hr/> 143.1 | 29.10 27.84 <hr/> 28.47 | 6.0 — 9.6 |
| Nuove stelle di confronto | AD AE | 56.875 56.878 | 117.3 138.2 | 56.22 82.82 | |
| ADS 1438 | | $\Sigma 162$ | A = 01h46.2 | D = 47°39' | 7.0 — 7.5 |
| AB | | 56.875 56.878 <hr/> 56.877 | 202.2 205.9 <hr/> 204.1 | 2.05 2.08 <hr/> 2.07 | 00 00 |

Segue tabella I

| | | | | |
|---------------------|-----------------------|----------------|----------------|-------------|
| AC | 56.875 56.878 | 177.2 178.9 | 20.58 20.76 | 7.0 — 9.3 |
| | 56.877 | 178.1 | 20.67 | |
| AD | 56.875 | 94.4 | 136.56 | 7.0 — 9.7 |
| ultima oss. 1908.55 | 56.878 | 95.5 | 137.86 | |
| 95°8; 135.49 | 56.877 | 95.0 | 137.21 | |
| * ADS 1860 | Σ 262 = i Cass | A = 02h24m.9 | D = 67°11' | 4.2 — 7.1 |
| AB | 56.878 | 237.9 | 2.49 | |
| ultima oss. 1925.72 | 57.138 | 238.1 | 2.48 | |
| 250°6; 2".35 | 57.008 | 238.0 | 2.49 | |
| AC | 56.878 | 113.2 | 7.22 | 4.2 — 8.1 |
| | 57.138 | 114.4 | 7.38 | |
| | 57.008 | 113.8 | 7.30 | |
| CD | 56.878 | 58.2 | 207.22 | 4.2 — ? |
| ultima oss. 1908.54 | | | | |
| 56°7; 206".05 | | | | |
| ADS 2204 | Σ 312 | A = 02h51m.0 | D = 72°41' | 7.1 — 8.0 |
| AB | 57.138 | 24.4 | 2.25 | |
| | 57.143 | 29.7 | 2.82 | vento forte |
| | 57.141 | 27.1 | 2.54 | |
| AC | 57.138 | 129.0 | 42.87 | 7.1 — 9.2 |
| | 57.143 | 128.7 | 42.89 | vento forte |
| | 57.141 | 128.9 | 42.88 | |
| ADS 2339 | h 2166 | A = 03h02m.8 | D = 75°37' | 7.5 — 9.3 |
| AB | 57.138 | 247.2 | 60.89 | t = 5.4 |
| ultima oss. 1903.92 | 57.143 | 246.8 | 57.29 | vento forte |
| 248°7; 59".39 | 57.141 | 247.0 | 59.09 | |
| AC | 57.138 | 192.9 | 60.12 | 7.5 — 9.4 |
| ultima oss. 1903.92 | 57.143 | 190.5 | 60.97 | t = 5.6 |
| 192°2; 60".25 | 57.141 | 191.2 | 60.55 | vento forte |
| AD | 57.138 | 140.6 | 65.33 | 7.5 — 9.7 |
| ultima oss. 1903.92 | 57.143 | 139.9 | 62.30 | t = 5.7 |
| 139°9; 64".19 | 57.141 | 140.3 | 63.82 | vento forte |
| ADS 2480 | Σ 363 | A = 03h18m.0 | D = 78°20' | 8.5 — 8.7 |
| AB | 57.138 | 312.9 | 28.14 | |
| ultima oss. 1916.87 | 57.143 | 313.9 | 27.18 | vento forte |
| 312°7; 26".22 | 57.141 | 313.4 | 27.62 | |

Segue tabella I

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|---|----------------------------------|--|----------------------------------|--------------------------------|
| AC ultima oss. 1912.95 102°3; 110".84 | 57.138 57.143 <hr/> 57.141 | 132.3 132.2 <hr/> 132.3 | 110.36 111.31 <hr/> 110.84 | 8.5 — 9.4 vento forte |
| ADS 2843 | Σ 464 = ζ Per | A = 03 ^h 51 ^m .0 | D = 31°44' | 2.7 — 9.3 |
| AB ultima oss. 1923.00 207°8; 12".88 | 57.148 57.192 <hr/> 57.170 | 203.7 205.5 <hr/> 204.6 | — 13.09 <hr/> 13.09 | |
| AD ultima oss. 1924.96 197°0; 92".41 | 57.148 57.192 <hr/> 57.170 | 195.2 195.0 <hr/> 195.1 | 93.82 94.44 <hr/> 94.18 | 2.7 — 9.3 |
| ADS 2984 | Σ 484 & Σ 485 | A = 04 ^h 03 ^m .4 | D = 62°12' | 6.1 — 6.2 |
| AB | 57.138 57.143 <hr/> 57.141 | 302.4 302.5 <hr/> 302.5 | 17.74 19.20 <hr/> 17.97 | vento forte |
| BE | 57.138 | 328.2 | 19.81 | 6.2 — 11.0 |
| A ² D ² ultima oss. 1907.42 259°4; 60".20 | 57.138 | 257.5 | 61.35 | |
| BC | 57.143 | 269.9 | 56.06 | vento forte |
| C ² E ² ultima oss. 1907.25 238°5; 47".18 | 57.143 | 241.9 | 47.37 | vento forte |
| ADS 3579 | Sh 49 | A = 04 ^h 56 ^m .2 | D = 14°28' | 5.2 — 6.7 |
| AB | 57.138 57.143 <hr/> 57.141 | 304.0 304.6 <hr/> 304.3 | 39.55 39.40 <hr/> 39.48 | vento forte |
| AC ultima oss. 1921.08 88°7; 54".36 | 57.138 57.143 <hr/> 57.141 | 88.3 88.2 <hr/> 88.3 | 53.33 54.79 <hr/> 54.06 | 5.2 — 9.0 vento forte |
| ADS 3940 | β 886 | A = 05 ^h 19 ^m .0 | D = 33°45' | 8.2 — 9.0 |
| AB ultima oss. 1914.99 68°0; 17".35 | 57.186 57.192 <hr/> 57.189 | 65.1 66.0 <hr/> 65.6 | 18.29 17.37 <hr/> 17.83 | nebbia t = 3.7 |
| AC ultima oss. 1914.99 153°7; 48".86 | 57.186 57.192 <hr/> 57.189 | 152.4 152.5 <hr/> 152.5 | 49.98 49.09 <hr/> 49.54 | 8.2 — 9.2 nebbia t = 3.9 |

Segue tabella I

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|---------------------|-------------------------------------|--|--------------|-----------------------------------|
| (O—M ADS 4179 | $\Sigma 738 = \lambda \text{ Ori}$ | A = 05 ^h 32 ^m .4 | D = 09°54' | 4.0—6.0 |
| AB | 57.186 | 40.4 | 5.02 | |
| | 57.192 | 39.6 | 4.31 | |
| | 57.138 | 43.7 | 4.13 | |
| | 57.143 | 41.2 | 4.73 | |
| | <hr/> | <hr/> | <hr/> | |
| | 57.141 | 41.2 | 4.55 | |
| AD | 57.186 | 269.9 | 79.02 | |
| ultima oss. 1915.06 | 57.192 | 269.9 | 77.66 | |
| 271°.8; 78".17 | 57.138 | 266.7 | 80.08 | 4.0—11.5 |
| | 58.143 | 264.2 | 77.55 | |
| | <hr/> | <hr/> | <hr/> | |
| | 57.141 | 267.7 | 78.58 | |
| AC | 57.143 | 181.6 | 27.97 | 4.0—11.5 |
| (O—M) ADS 4186 | $\Sigma 748 = \theta^1 \text{ Ori}$ | A = 05 ^h 32 ^m .8 | D = — 05°25' | 7.0—4.7 |
| AC | 57.138 | 132.0 | 13.48 | |
| | 57.143 | 130.6 | 13.17 | vento forte |
| | 57.186 | 128.3 | 12.89 | |
| | 57.192 | 130.8 | 12.47 | |
| | <hr/> | <hr/> | <hr/> | |
| | 57.165 | 130.4 | 13.03 | |
| DC | 57.138 | 239.1 | 13.61 | 6.3—4.7 |
| | 57.143 | 238.9 | 13.56 | vento forte |
| | 57.186 | 241.3 | 13.74 | |
| | 57.192 | 241.4 | 13.87 | |
| | <hr/> | <hr/> | <hr/> | |
| | 57.165 | 240.2 | 13.69 | |
| BC | 57.143 | 160.5 | 17.65 | 8.0—4.7 |
| | 57.186 | 161.6 | 17.25 | |
| | 57.192 | 161.9 | 17.11 | |
| | <hr/> | <hr/> | <hr/> | |
| | 57.174 | 161.3 | 17.34 | |
| ADS 4186 segue) | | | | |
| AB | 57.138 | 31.0 | 9.15 | 7.0—8.0 |
| CF | 57.192 | 110.9 | 4.73 | 4.7—10.8 |
| ADS 5177 | $\Sigma 916$ | A = 06 ^h 30 ^m .0 | D = 56°41' | 8.5—9.8 |
| AB | 56.198 | 251.3 | 10.74 | nebbia |
| ultima oss. 1920.15 | 56.201 | 248.2 | 9.82 | |
| 255°.1; 9".14 | 56.333 | 251.8 | 10.42 | cielo velato. t=5 ^h .0 |
| | 56.335 | 252.8 | 9.56 | t = 4 ^h .5 |
| | <hr/> | <hr/> | <hr/> | |
| | 56.267 | 251.0 | 10.14 | |
| AC | 56.198 | 338.4 | 56.60 | 8.5—9.6 |
| ultima oss. 1908.89 | 56.201 | 336.3 | 56.16 | |
| 337°.9 56".09 | 56.333 | 335.2 | 57.70 | cielo velato. t=5 ^h .2 |
| | 56.335 | 338.8 | 56.92 | t = 4 ^h .6 |
| | <hr/> | <hr/> | <hr/> | |
| | 56.267 | 337.2 | 56.85 | |

Segue tabella I

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|---|-----------------------|--|---------------------------|-------------|
| (O—M) ADS 5322 | Σ 950 = 15 Mon | A = 06 ^h 38 ^m .2 | D = 09 ^o 57' | 6.0 — 8.8 |
| AB | 57.138 | 207.4 | 3.09 | vento forte |
| | 57.143 | 211.2 | 2.95 | |
| | 57.192 | 210.9 | 2.90 | |
| | 57.186 | 209.9 | 2.48 | |
| | <u>57.165</u> | <u>209.9</u> | <u>2.86</u> | |
| AE | 57.138 | 139.1 | 72.79 | 6.0 — 9.1 |
| ultima oss. 1923.62 | 57.143 | 136.9 | 74.30 | vento forte |
| 139 ^o .8; 73 ^{''} .96 | 57.186 | 138.7 | 74.18 | |
| | 57.192 | 138.4 | 74.23 | |
| | <u>57.165</u> | <u>138.3</u> | <u>73.88</u> | |
| A—D'',C | 57.138 | 164.5 | 88.70 | vento forte |
| | 57.143 | 164.6 | 89.46 | |
| | 57.186 | 165.3 | 89.74 | |
| | <u>57.156</u> | <u>164.8</u> | <u>89.30</u> | |
| nuova coppia di confronto | 57.186 | 226.2 | 4.00 | |
| | 57.192 | 222.4 | 4.44 | |
| | <u>57.189</u> | <u>224.3</u> | <u>4.22</u> | |
| AC | 57.186 | 11.5 | 16.45 | |
| | 57.192 | 12.4 | 16.98 | |
| | <u>57.189</u> | <u>12.0</u> | <u>16.72</u> | |
| nuova coppia di confronto | 57.138 | 174.6 | 103.79 | |
| | 57.143 | 153.2 | 105.50 | vento forte |
| ADS 5706 | Σ 1001 | A = 06 ^h 59 ^m .1 | D = 54 ^o 15' | 7.1 — 8.7 |
| AB | 56.198 | 61.5 | 8.58 | |
| | 56.201 | 59.6 | 8.78 | |
| | <u>56.200</u> | <u>60.6</u> | <u>8.68</u> | |
| AC | 56.198 | 65.6 | 9.58 | 7.1 — 9.0 |
| ultima oss. 1905.08 | 56.201 | 66.4 | 9.88 | |
| 64 ^o .0; 8 ^{''} .75 | <u>56.200</u> | <u>66.0</u> | <u>9.73</u> | |
| (O—M) ADS 5977 | h 3948 = 30 C Maj. | A = 7 ^h 16 ^m .6 | D = — 24 ^o 52' | 5.0 — 10.5 |
| AB | 57.138 | 87.3 | 8.60 | |
| | 57.143 | 89.6 | 8.70 | |
| | 57.186 | 83.6 | 8.22 | |
| | 57.192 | 88.4 | 8.01 | |
| | <u>57.165</u> | <u>88.7</u> | <u>8.38</u> | |

Segue tabella I

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|---|--|--|---|--|
| AD sola oss. 1880.20! 78°.0; 84".43 | 57.138 57.143 57.186 57.192 <hr/> 57.165 | 69.5 73.3 74.9 76.7 <hr/> 73.6 | 84.19 86.41 85.43 85.26 <hr/> 85.32 | 5.0 — 8.7 vento forte |
| ADS 5948 | Σ 1039 | A = 07h14m.1 | D = 63°37' | 8.8 — 9.5 |
| AB ultima oss. 1921.27 206°.2; 3".18 | 56.201 56.333 56.335 <hr/> 56.290 | 208.4 202.8 209.0 <hr/> 206.7 | 3.52 4.48 3.22 <hr/> 3.74 | difficile. t = 5h.3 t = 4.0 |
| AC ultima oss. 1908.78 311°.; 127".60 | 56.201 56.333 56.335 <hr/> 56.290 | 311.1 311.8 312.0 <hr/> 311.6 | 127.54 127.43 128.02 <hr/> 127.66 | 8.8 — 8.5 molto velato t=5.4 t = 4.2 |
| ADS 6012 | Σ 1062 = 19 Lync | A = 07h18m.8 | D = 55°23' | 5.3 — 6.6 |
| AB | 56.198 56.201 56.333 <hr/> 56.244 | 314.9 315.2 315.2 <hr/> 315.1 | 14.74 14.98 14.70 <hr/> 14.81 | vapore. t = 5.2 |
| AD ultima oss. 1905.08 02°.8; 214".93 | 56.201 56.333 <hr/> 56.267 | 03.2 03.8 <hr/> 03.5 | — — — | 5.3 — 8.5 vapore. t = 5.3 |
| BD nuova coppia di confronto | 56.201 56.333 <hr/> 56.267 | 06.5 07.1 <hr/> 06.8 | — — — | 6.6 — 8.5 vapore, t = 5.4 |
| ADS 6336 | Σ 1127 | A = 07h42m.4 | D = 64°11' | 6.2 — 8.0 |
| AB | 56.198 56.201 <hr/> 56.200 | 336.6 338.8 <hr/> 337.7 | 5.65 5.92 <hr/> 5.79 | |
| AC | 56.198 56.201 <hr/> 56.200 | 178.3 176.7 <hr/> 177.5 | 11.68 10.98 <hr/> 11.33 | 6.2 — 9.2 |
| BC nuova coppia di confronto | 56.198 56.201 <hr/> 56.200 | — 169.6 <hr/> 169.6 | 17.42 17.40 <hr/> 17.41 | 8.0 — 9.2 |
| ADS 6672 | h 2435 | A = 08h11m.2 | D = — 5°36' | 9.2 — 9.3 |
| AB ultima oss. 1915.02 206°.2; 6".81 | 56.186 56.192 <hr/> 56.189 | 214.7 214.0 <hr/> 214.4 | 12.61 12.75 <hr/> 12.68 | |

Segue tabella I

| | | | | |
|---------------------|-----------------|--|---------------|-----------------------|
| AC | 56.186 | 118.8 | 88.05 | 9.2 — 8.8 |
| ultima oss. 1911.92 | 56.192 | 113.2 | 89.13 | |
| 219°.7; 79".49 | <u>56.189</u> | <u>116.0</u> | <u>88.59</u> | |
| ADS 6700 | Es 593 | A = 08 ^h 13 ^m .4 | D = 41°03' | 8.5 — 9.4 |
| AB | 57.186 | 243.9 | 20.25 | |
| solà oss. 1908.24 | 57.192 | 255.2 | 20.54 | |
| 230°.2; 19".82 | <u>57.189</u> | <u>249.6</u> | <u>20.40</u> | |
| BC | 57.186 | 210.6 | 5.77 | 9.4 — 9.6 |
| ultima oss. 1908.24 | 57.192 | 205.9 | 6.46 | |
| 208°.2; 4".70 | <u>57.189</u> | <u>208.2</u> | <u>6.12</u> | |
| ADS 6921 | Σ 1254 | A = 08 ^h 37 ^m .5 | D = 19°51' | 6.5 — 9.0 |
| AB | 56.335 | 53.0 | 20.08 | t = 3 ^h .1 |
| | 56.338 | 53.9 | 19.34 | t = 3.3 |
| | <u>56.337</u> | <u>53.5</u> | <u>19.71</u> | |
| AC | 56.335 | 342.8 | 63.34 | 6.5 — 7.0 |
| | 56.338 | 341.9 | 63.25 | t = 3.3 |
| | <u>56.337</u> | <u>342.4</u> | <u>63.30</u> | t = 3.5 |
| AD | 56.335 | 43.3 | 82.84 | 6.5 — 9.0 |
| | 56.338 | 42.9 | 81.84 | t = 3.2 |
| | <u>56.337</u> | <u>43.1</u> | <u>82.34</u> | t = 3.6 |
| CD | 56.335 | 91.0 | 76.06 | 7.0 — 9.0 |
| nuova coppia | 56.338 | 89.7 | 76.02 | t = 3 ^h .4 |
| di confronto | <u>56.337</u> | <u>90.4</u> | <u>76.04</u> | t = 3.8 |
| * ADS 7251 | Σ 1321 | A = 09 ^h 11 ^m .4 | D = 52°55' | 7.4 — 7.4 |
| AB | 57.186 | 78.3 | 18.39 | |
| ultima oss. 1924.87 | 57.192 | 77.4 | 18.70 | |
| 71°.9; 18".74 | <u>57.189</u> | <u>77.9</u> | <u>18.55</u> | |
| AD | 57.186 | 171.7 | 123.62 | 7.4 — 10.0 |
| ultima oss. 1921.23 | 57.192 | 172.2 | 119.28 | |
| 189°.6; 144".03 | <u>57.189</u> | <u>172.0</u> | <u>121.45</u> | |
| ADS 7402 | Σ 1351 = 23UMaj | A 09 ^h 27 ^m .6 | D = 63°17' | 3.8 — 9.0 |
| AB | 57.335 | 268.7 | 22.42 | t = 3 ^h 7 |
| | 57.338 | 267.3 | 23.98 | t = 3.5 |
| | <u>57.337</u> | <u>268.0</u> | <u>23.20</u> | |

Segue tabella I

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|--|----------------------------------|--|----------------------------------|---|
| AC ultima oss. 1924.12 228°.5; 95".60 | 57.335 57.338 <hr/> 57.337 | 232.2 228.9 <hr/> 230.6 | 98.87 100.40 <hr/> 99.64 | 3.8 — 10.5 t = 3.9 t = 3.5 |
| ADS 7425 | Σ 1350 | A = 09 ^h 30 ^m .2 | D = 67°01' | 7.2 — 7.3 |
| AB | 57.335 57.338 <hr/> 57.337 | 248.2 248.0 <hr/> 248.1 | 10.35 10.56 <hr/> 10.46 | t = 4 ^h .6 t = 3.7 |
| BC ultima oss. 1926.26 212°.6; 126".36 | 57.335 57.338 <hr/> 57.337 | 212.2 211.5 <hr/> 211.9 | 119.86 121.88 <hr/> 120.87 | 7.3 — 8.0 t = 4 ^h .8 t = 3.9 |
| ADS 7438 | Σ 1369 | A = 09 ^h 32 ^m .3 | D = 40°11' | 7.0 — 8.0 |
| AB | 56.335 56.338 <hr/> 56.337 | 149.0 149.3 <hr/> 149.2 | 25.24 25.63 <hr/> 25.44 | t = 3 ^h .0 t = 3.0 |
| AC | 56.335 56.338 <hr/> 56.337 | 323.3 323.3 <hr/> 323.3 | 117.46 117.03 <hr/> 117.25 | 7.0 — 7.5 t = 3 ^h .2 t = 3.2 |
| ADS 7705 | Σ 1415 | A = 10 ^h 13 ^m .9 | D = 71°19' | 6.1 — 7.0 |
| AB | 56.341 56.346 <hr/> 56.344 | 166.4 166.4 <hr/> 166.4 | 15.63 16.56 <hr/> 16.10 | t = 3 ^h .2 |
| AC ultima oss. 1919.19 11°.5; 150".06 | 56.341 56.346 <hr/> 56.344 | 14.4 14.6 <hr/> 14.5 | 148.92 150.00 <hr/> 149.46 | 6.1 — 10.0 t = 3 ^h .4 |
| ADS 8238 | Σ 1558 | A = 11 ^h 34 ^m .4 | D = 21°45' | 8.7 — 9.2 |
| AB | 56.341 56.346 <hr/> 56.344 | 161.8 158.8 <hr/> 160.3 | 1.12 1.18 <hr/> 1.15 | 00 00 |
| AB—C | 56.341 56.346 <hr/> 56.344 | 276.2 277.0 <hr/> 276.6 | 43.38 42.85 <hr/> 43.12 | 8.7 — 8.8 |
| ADS 8280 | Es 123 | A = 11 ^h 41 ^m .1 | D = 44°28' | 9.1 — 9.3 |
| AB ultima oss. 1924.28 203°.5; 6".59 | 56.341 56.346 <hr/> 56.344 | 206.0 203.8 <hr/> 204.9 | 6.98 7.59 <hr/> 7.29 | |

Segue tabella I

| | | | | |
|---------------------|------------------------|--|--------------|-------------------------------|
| AC | 56.341 | 280.8 | 43.48 | 9.1 — 9.2 |
| ultima oss. 1924.28 | 56.346 | 281.5 | 43.01 | |
| 274°.4; 43".93 | <u>56.344</u> | <u>281.2</u> | <u>43.25</u> | |
| ADS 8570 | Σ 1324 | A = 12 ^h 27 ^m .0 | D = 29°47' | 9.3 — 9.9 |
| AB | 56.341 | 223.2 | 3.24 | |
| | 56.346 | 222.8 | 2.98 | |
| | 56.423 | 224.4 | 3.10 | |
| | 56.426 | 219.6 | 2.85 | |
| | <u>56.384</u> | <u>222.5</u> | <u>3.04</u> | 00 |
| AC | 56.341 | 01.1 | 72.26 | 9.3 — 9.1 |
| | 56.346 | 01.7 | 73.15 | |
| | 56.423 | 01.8 | 71.41 | |
| | 56.426 | 01.5 | 71.69 | |
| | <u>56.384</u> | <u>01.5</u> | <u>72.13</u> | |
| * ADS 8695 | Σ 1687 = 35 Com | A = 12 ^h 50 ^m .8 | D = 21°31' | 5.0 — 7.8 |
| AB | 56.423 | 122.5 | 0.68 | 00 |
| ultima oss. 1925.38 | 56.426 | 130.4 | 0.99 | 00 |
| 107°.5; 1".04 | <u>56.425</u> | <u>126.5</u> | <u>0.89</u> | |
| AC | 56.423 | 127.5 | 30.00 | 5.0 — 9.0 |
| | 56.426 | 125.9 | 29.38 | |
| | <u>56.425</u> | <u>126.7</u> | <u>29.69</u> | |
| ADS 8981 | Σ 1769 | A = 13 ^h 35 ^m .9 | D = 39°26' | 7.3 — 9.7 |
| AB | 56.426 | 24.7 | 2.18 | |
| | 56.458 | 37.6 | 2.02 | t = 3 ^h .4. Molto |
| | <u>56.442</u> | <u>31.2</u> | <u>2.10</u> | nebbioso |
| AC | 56.426 | 258.4 | 56.58 | 7.3 — 9.0 |
| | 56.458 | 256.5 | 56.42 | t = 3 ^h .6. Molto |
| | <u>56.442</u> | <u>257.5</u> | <u>56.50</u> | nebbioso |
| ADS 8997 | h 2682 | A = 13 ^h 40 ^m .2 | D = 77°05' | 7.0 — 10.0 |
| AB | 56.426 | 279.7 | 26.41 | |
| ultima oss. 1912.48 | 56.458 | 279.2 | 26.01 | t = 3 ^h .8. Nebbia |
| 279°.5; 26".15 | <u>56.442</u> | <u>279.5</u> | <u>26.21</u> | |
| AC | 56.426 | 315.6 | 45.89 | 7.0 — 9.3 |
| | 56.458 | 316.5 | 45.94 | t = 4 ^h .0. Nebbia |
| | <u>56.442</u> | <u>316.1</u> | <u>45.92</u> | |

Segue tabella I

| | | | | |
|---------------------|---------------------------|--|---------------|-----------------------|
| ADS 9191 | Σ 1830 | A = 14 ^h 14 ^m .2 | D = 56°54' | 8.5 — 9.8 |
| AB | 56.582 | 300.9 | 8.36 | t = 5.0 |
| | 56.497 | 300.7 | 8.16 | |
| | 56.578 | 303.8 | 7.85 | |
| | <u>56.552</u> | <u>302.8</u> | <u>8.12</u> | |
| AD | 56.497 | 62.9 | 139.88 | 8.5 — 6.5 |
| ultima oss. 1923.83 | 56.578 | 63.1 | 138.41 | t = 5 ^h .2 |
| 62°.2; 141".40 | 56.582 | 62.4 | 137.66 | |
| | <u>56.552</u> | <u>62.8</u> | <u>138.65</u> | |
| ADS 9197 | Σ 1831 | A = 14 ^h 14 ^m .4 | D = 56°55' | 6.3 — 9.0 |
| AB | 56.497 | 135.7 | 5.69 | |
| | 56.578 | 140.7 | 6.79 | |
| | 56.582 | 139.8 | 6.25 | |
| | <u>56.552</u> | <u>138.7</u> | <u>6.24</u> | |
| AC | 56.497 | 221.5 | 107.49 | 6.3 — ? |
| ultima oss. 1922.77 | 56.578 | 222.6 | 107.26 | |
| 224°.3; 106".83 | 56.582 | 221.9 | 108.34 | |
| | <u>56.552</u> | <u>222.0</u> | <u>107.70</u> | |
| * ADS 9626 | Σ 1938 = μ Boo | A = 15 ^h 22 ^m .6 | D = 37°31' | 4.0 — 6.7 |
| A—BC | 56.494 | 170.6 | 108.15 | nebbioso |
| | 56.497 | 170.9 | 108.30 | |
| | <u>56.496</u> | <u>170.8</u> | <u>108.23</u> | |
| BC | 56.494 | 21.4 | 1.41 | 6.7 — 7.3 |
| ultima oss. 1925.61 | 56.497 | 21.8 | 1.39 | 00 |
| 43°.1; 1".45 | 56.496 | 21.6 | 1.40 | 00 |
| ADS 10129 | Σ 2078 = 17 Dra | A = 16 ^h 35 ^m .0 | D = 53°01' | 5.0 — 6.0 |
| AB | 56.494 | 104.2 | 3.62 | nebbioso |
| | 56.579 | 107.9 | 3.65 | t = 3.0 |
| | <u>56.537</u> | <u>106.1</u> | <u>3.64</u> | |
| AC | 56.494 | 193.6 | 90.01 | 5.0 — 5.0 |
| | 56.579 | 193.9 | 90.22 | t = 3.2 |
| | <u>56.537</u> | <u>193.8</u> | <u>90.12</u> | |
| DC | 56.494 | 122.0 | 119.84 | 5.0 — 11.0 |
| ultima oss. 1910.15 | 56.579 | 122.9 | 120.33 | t = 3.3 |
| 122°.4; 118".81 | <u>56.537</u> | <u>122.5</u> | <u>120.09</u> | |

Segue tabella I

| | | | | |
|--|------------------------|--|---------------|-----------------------|
| ADS 10553 | Σ 2165 | A = 17 ^h 24 ^m .3 | D = 29°30' | 7.0—8.5 |
| AB | 56.494 | 61.1 | 9.20 | |
| | 56.579 | 60.3 | 9.16 | |
| | <u>56.537</u> | <u>60.7</u> | <u>9.18</u> | |
| AC | 56.494 | 249.3 | 95.05 | 7.0—8.8 |
| | 56.579 | 251.2 | 95.89 | |
| | <u>56.537</u> | <u>250.3</u> | <u>95.47</u> | |
| ADS 10686 | E _s 1257 | A = 17 ^h 36 ^m .8 | D = 45°02' | 9.1—9.5 |
| AB | 56.582 | 297.7 | 1.78 | 00 |
| | 56.588 | 297.3 | 2.76 | 00 |
| | 56.590 | 296.7 | 2.45 | 00 |
| | <u>56.587</u> | <u>297.2</u> | <u>2.33</u> | |
| AC | 56.582 | 121.3 | 54.38 | 9.1—9.6 |
| | 56.588 | 122.3 | 54.04 | |
| | 56.590 | 123.4 | 53.96 | |
| | <u>56.587</u> | <u>122.3</u> | <u>54.13</u> | |
| (O—M) ADS 10991 | HN 40 | A = 17 ^h 59 ^m .3 | D = — 23°02' | 8.0—8.8 |
| AC | 56.604 | 208.8 | 11.82 | |
| | 56.582 | 214.6 | 10.47 | |
| | 56.588 | 212.1 | 11.40 | molto nebbioso |
| | <u>56.591</u> | <u>211.8</u> | <u>11.23</u> | |
| Nuova stella di confronto | 56.582 | 205.8 | 18.37 | 8.0—11? |
| ADS 11292 | Σ 2311 | A = 18 ^h 19 ^m .9 | D = 11°25' | 8.9—9.9 |
| AB | 56.588 | 134.8 | 4.31 | |
| | 56.593 | 136.2 | 3.39 | |
| | <u>56.591</u> | <u>135.5</u> | <u>3.85</u> | |
| AC ultima oss. 1911.51 333°.1; 142".78 | 56.588 | 333.4 | 142.33 | 8.9—9.8 |
| | 56.593 | 336.9 | 143.67 | |
| | <u>56.591</u> | <u>335.2</u> | <u>143.00</u> | |
| AD ultima oss. 1911.51 289°2; 148".93 | 56.588 | 289.3 | 146.16 | 8.9—9.5 |
| | 56.593 | 289.9 | 148.72 | |
| | <u>56.591</u> | <u>289.6</u> | <u>147.44</u> | |
| ADS 11336 | Σ 2323 = 39 Dra | A = 18 ^h 23 ^m .2 | D = 58°46' | 4.7—7.7 |
| AB | 56.599 | 354.9 | 3.37 | t = 3 ^h .0 |
| | 56.601 | 353.1 | 4.08 | |
| | 56.604 | 351.8 | 3.52 | |
| | <u>56.601</u> | <u>353.3</u> | <u>3.66</u> | |

Segue tabella I

| | | | | |
|--|---|--|--|---------------------------------|
| AC | 56.599 56.601 56.604 <hr/> 56.601 | 19.5 19.9 19.6 <hr/> 19.7 | 86.99 88.92 89.18 <hr/> 88.36 | 4.7 — 7.1 |
| ADS 11372 | Σ 2319 | A = 18 ^h 25 ^m .6 | D = 19 ^o 16' | 7.2 — 7.6 |
| AB | 56.588 56.590 56.593 <hr/> 56.590 | 190.8 187.7 188.7 <hr/> 189.1 | 5.73 5.56 6.29 <hr/> 5.86 | immagine gonfiata |
| AC | 56.588 56.590 56.593 <hr/> 56.590 | 278.4 276.0 278.8 <hr/> 277.7 | 40.50 41.75 41.25 <hr/> 41.17 | 7.2 — 10.0 immagine gonfiata |
| AD Nuova stella di confronto | 56.588 56.590 56.593 <hr/> 56.590 | 244.4 247.9 246.8 <hr/> 246.4 | 155.68 154.58 155.39 <hr/> 155.22 | 7.2 — ? immagine gonfiata |
| * ADS 11635 | Σ 2382/83 = ϵ^1 & ϵ^2 Lyr | A = 18 ^h 42 ^m .7 | D = 39 ^o 37' | 4.6 — 6.3 |
| AB ultima oss. 1926.68 06 ^o .6; 3 ^o .18 | 56.588 56.590 56.593 <hr/> 56.590 | 03.5 357.8 01.9 <hr/> 01.1 | 3.32 3.57 4.03 <hr/> 3.64 | 00 |
| CD ultima oss. 1926.68 117 ^o .3; 2 ^o .64 | 56.588 56.590 56.593 <hr/> 56.590 | 98.5 109.0 103.8 <hr/> 103.8 | 2.87 2.98 2.50 <hr/> 2.78 | 4.9 — 5.2 00 |
| ϵ^1 B-I ultima oss. 1924.47 135 ^o .7; 146 ^o .92 | 56.588 56.590 56.593 <hr/> 56.590 | 136.4 136.5 137.0 <hr/> 136.6 | 147.60 146.38 147.43 <hr/> 147.14 | ? — 9.4 |
| ϵ^2 A-I ultima oss. 1924.47 37 ^o .0; 126 ^o .14 | 56.588 56.590 56.593 <hr/> 56.590 | 36.8 36.4 36.1 <hr/> 36.4 | 123.42 122.74 123.32 <hr/> 123.16 | ? — 9.4 |
| ADS 12061 | Σ 2461 = 17 Lyr | A = 19 ^h 05 ^m .5 | D = 32 ^o 25' | ? — 9.6 |
| AB-F | 56.599 56.601 56.604 <hr/> 56.601 | 354.9 353.8 353.6 <hr/> 354.1 | 156.27 — 163.20 <hr/> 159.74 | t = 3 ^h .0. Vapore |

Segue tabella I

| | | | | |
|---|--------------------|--|------------|------------------------------------|
| AB-D | 56.599 | 292.6 | 132.14 | ? — 9.0 |
| | 56.601 | 291.4 | 131.36 | t = 3 ^h .1. Vapore |
| | 56.604 | 294.6 | 131.94 | |
| | <hr/> | <hr/> | <hr/> | |
| | 56.601 | 292.9 | 131.81 | |
| AB-E | 56.599 | 117.0 | 138.74 | ? — 10.0 |
| | 56.601 | 118.3 | 143.02 | t = 3 ^h .2. Vapore |
| | 56.604 | 117.6 | — | |
| | <hr/> | <hr/> | <hr/> | |
| | 56.601 | 117.6 | 140.88 | |
| AB | 56.604 | 294.7 | 3.17 | 5.7 — 9.8 t = 3 ^h .3 |
| ADS 12090 | Σ 2472/73 | A = 19 ^h 06 ^m .8 | D = 37°50' | 7.5 — 9.2 |
| AB ultima oss. 1924.45 338°.4; 19".96 | 56.599 | 337.6 | 20.69 | t = 3 ^h .0 |
| | 56.601 | 334.9 | 20.42 | |
| | 56.604 | 338.9 | 21.02 | |
| | <hr/> | <hr/> | <hr/> | |
| | 56.601 | 337.1 | 20.71 | |
| CD ultima oss. 1924.26 292°.6; 6".09 | 56.599 | 295.5 | 6.31 | 9.0 — 9.2 t = 3 ^h .2 |
| | 56.601 | 295.3 | 6.65 | |
| | 56.604 | 291.2 | 7.01 | |
| | <hr/> | <hr/> | <hr/> | |
| | 56.601 | 294.0 | 6.66 | |
| A-CD Nuova coppia di confronto | 56.599 | 345.1 | 78.12 | t = 3 ^h .3 |
| | 56.601 | 346.8 | 77.62 | |
| | 56.604 | 345.7 | 77.02 | |
| | <hr/> | <hr/> | <hr/> | |
| | 56.601 | 345.9 | 77.59 | |
| ADS 12470 | O Σ App 182 | A = 19 ^h 25 ^m .5 | D = 50°02' | 6.7 — 10.5 |
| Ab ultima oss. 1904.43 139°.2; 31".73 | 56.744 | 150.0 | 35.42 | t = 3 ^h .4 |
| | 56.746 | 149.9 | 33.98 | t = 4.1 |
| | 56.745 | 150.0 | 34.70 | |
| | <hr/> | <hr/> | <hr/> | |
| AB ultima oss. 1924.68 303°.6 72".32 | 56.744 | 300.6 | 74.74 | 6.7 — 7.7 |
| | 56.746 | 298.7 | 72.13 | t = 3 ^h .6 |
| | 56.745 | 299.7 | 73.44 | t = 4.3 |
| | <hr/> | <hr/> | <hr/> | |
| ADS 12524 | Σ 2550 | A = 19 ^h 29 ^m .9 | D = 73°15' | 8.2 = 8.2 |
| AB | 56.744 | 247.5 | 1.62 | t = 4.5 |
| | 56.746 | 246.7 | 2.23 | |
| | 56.745 | 247.1 | 1.93 | |
| | <hr/> | <hr/> | <hr/> | |
| AC ultima oss. 1901.32 168°.5; 77".80 | 56.744 | 155.9 | 78.25 | 8.2 — 8.6 |
| | 56.746 | 155.9 | 77.42 | t = 4 ^h .7 |
| | 56.745 | 155.9 | 77.84 | |
| | <hr/> | <hr/> | <hr/> | |

Segue tabella I

| | | | | |
|---|---------------------------|--|---------------|---------------------------|
| ADS 12893 | Σ 2578 | A = 19 ^h 43 ^m .8 | D = 35°58' | 6.6 — 7.4 |
| AB | 56.760 | 124.1 | 14.92 | vento |
| | 56.763 | 124.4 | 15.26 | t = 3 ^h .2 |
| | <u>56.762</u> | <u>124.3</u> | <u>15.09</u> | |
| AF ultima oss. 1918.68 251°0; 143".52 | 56.760 | 249.5 | 142.31 | 6.6 — 9.5 |
| | 56.763 | 249.2 | 143.88 | t = 3 ^h .4 |
| | <u>56.762</u> | <u>249.4</u> | <u>143.09</u> | |
| (O—M) ADS 13312 | Σ 2624 | A = 20 ^h 01 ^m .6 | D = 35°53' | 7.2 — 7.8 |
| AB | 56.749 | 179.7 | 1.91 | |
| | 56.752 | 173.9 | 1.90 | |
| | 56.755 | 171.7 | 1.85 | |
| | 56.760 | 171.0 | 1.88 | 00 vento |
| | 56.763 | 178.7 | 2.06 | 00 t = 3 ^h .6 |
| | <u>56.756</u> | <u>175.0</u> | <u>1.92</u> | |
| AC | 56.749 | 325.9 | 42.54 | 7.2 — 9.8 |
| | 56.752 | 325.6 | 41.93 | |
| | 56.755 | 326.5 | 42.28 | |
| | 56.760 | 325.9 | 42.88 | vento |
| | 56.763 | 326.9 | 42.46 | t = 3 ^h .4 |
| | <u>56.756</u> | <u>326.2</u> | <u>42.42</u> | |
| (O—M) ADS 13374 | β 429 & β 440 | A = 20 ^h 04 ^m .1 | D = 35°39' | 7.0 — 11.0 |
| AC | 56.749 | 26.4 | 11.03 | |
| | 56.752 | 23.9 | 11.34 | |
| | 56.755 | 23.9 | 11.33 | |
| | 56.763 | 23.7 | 11.39 | t = 3 ^h .5 |
| | <u>56.755</u> | <u>24.5</u> | <u>11.27</u> | |
| AD | 56.749 | 297.4 | 11.44 | 7.0 — 9.5 |
| | 56.752 | 298.0 | 12.70 | |
| | 56.755 | 298.6 | 11.34 | |
| | 56.760 | 297.7 | 10.68 | vento |
| | 56.763 | 297.3 | 10.68 | t = 3 ^h .6 |
| | <u>56.756</u> | <u>297.7</u> | <u>11.13</u> | |
| AE | 56.749 | 106.7 | 29.25 | 7.0 — 11.0 |
| | 56.752 | 109.4 | 28.80 | |
| | 56.755 | 106.7 | 28.39 | |
| | 56.763 | 105.9 | 28.53 | t = 3 ^h .7 |
| | <u>56.755</u> | <u>107.2</u> | <u>28.74</u> | |
| AF | 56.749 | 27.2 | 36.51 | 7.0 — 7.7 |
| | 56.752 | 26.6 | 36.31 | |
| | 56.755 | 27.0 | 35.71 | |
| | 56.760 | 26.9 | 36.32 | vento |
| | 56.763 | 26.8 | 36.94 | t = 3 ^h .8 |
| | <u>56.756</u> | <u>26.9</u> | <u>36.56</u> | |

Segue tabella I

| | | | | |
|--|---|---|---|---|
| ADS 14102 | Σ 2717 | A = 20 ^h 36 ^m .8 | D = 60°35' | 7.2 — 9.7 |
| AB | 56.744 <u>56.746</u> 56.745 | 258.3 <u>258.9</u> 258.6 | 1.81 <u>1.77</u> 1.79 | t = 3 ^h .4 t = 3.7 |
| AC | 56.744 <u>56.746</u> 56.745 | 50.7 <u>52.9</u> 51.8 | 42.05 <u>43.37</u> 42.71 | 7.2 — 9.7 t = 3 ^h .6 t = 3.9 |
| ADS 15145 | Es 34 | A = 21 ^h 35 ^m .2 | D = 50°19' | 8.3 — 9.0 |
| AB | 56.744 <u>56.746</u> 56.745 | 134.4 <u>130.9</u> 132.2 | 2.92 <u>2.75</u> 2.83 | t = 3 ^h .0 t = 3.2 |
| AC ultima oss. 1920.16 70°.4; 39".54 | 56.744 <u>56.746</u> 56.745 | 68.8 <u>68.1</u> 68.5 | 40.11 <u>39.99</u> 40.05 | 8.3 — 8.7 t = 3 ^h .2 t = 3.4 |
| (O—M) ADS 15184 | ρ 1143 | A = 21 ^h 37 ^m .4 | D = 57°16' | 6.0 — 7.9 |
| AC | 56.749 56.752 56.755 56.760 <u>56.763</u> 56.756 | 118.2 119.4 116.6 119.8 <u>122.0</u> 119.2 | 11.79 12.80 11.99 12.32 <u>12.15</u> 12.21 | vento |
| AD | 56.749 56.752 56.755 56.760 <u>56.763</u> 56.756 | 357.0 337.9 337.2 338.2 <u>337.0</u> 337.5 | 19.73 18.65 18.87 20.04 <u>19.96</u> 19.45 | 6.0 — 8.0 vento |
| Nuova coppia di confronto | 56.749 <u>56.752</u> 56.751 | 354.9 <u>364.3</u> 359.6 | 54.53 <u>52.00</u> 53.27 | — 11? |
| ADS 15785 | Σ 2890 | A = 22 ^h 13 ^m .2 | D = 49°38' | 6.0 — 7.9 |
| AB | 56.749 56.752 56.755 <u>56.763</u> 56.755 | 08.2 09.4 09.7 <u>08.7</u> 09.0 | 9.52 9.93 9.91 <u>10.23</u> 9.90 | |
| AC Sola oss. 1910.51 277°.6; 72".96 | 56.749 56.752 56.755 <u>56.763</u> 56.755 | 276.7 277.0 276.4 <u>277.0</u> 276.8 | 72.88 73.64 73.20 <u>72.73</u> 73.11 | 6.0 — 9.3 |

Segue tabella I

| | | | | |
|---|------------------------|--|--------------|---------------------|
| ADS 15896 | Σ 2900 = 33 Peg | A = 22 ^h 21 ^m .2 | D = 20°36' | 6.0 — 9.5 |
| AB | 56.749 | 188.4 | 0.72 | 00 00 00 |
| | 56.752 | 189.8 | 0.61 | |
| | 56.755 | 192.0 | 0.68 | |
| | <u>56.752</u> | <u>186.7</u> | <u>0.67</u> | |
| AB-C | 56.749 | 312.9 | 78.31 | 6.0 — 8.5 |
| | 56.752 | 309.8 | 78.55 | |
| | 56.755 | 313.9 | 78.32 | |
| | <u>56.752</u> | <u>312.2</u> | <u>78.39</u> | |
| ADS 16095 | Σ 2928 = 8 Lac | A = 22 ^h 33 ^m .6 | D = 39°23' | 6.0 — 6.5 |
| AB | 56.760 | 182.8 | 23.57 | vento |
| | 56.763 | 185.9 | 23.39 | |
| | <u>56.762</u> | <u>184.4</u> | <u>23.48</u> | |
| AC | 56.760 | 164.4 | 49.05 | 6.0 — 10.2 vento |
| | 56.763 | 167.4 | 47.87 | |
| | <u>56.762</u> | <u>165.9</u> | <u>48.46</u> | |
| AD ultima oss. 1925.54 144°.6; 81".13 | 56.760 | 143.4 | 82.08 | 6.0 — 9.5 vento |
| | 56.763 | 142.2 | 82.36 | |
| | <u>56.762</u> | <u>143.8</u> | <u>82.22</u> | |
| ADS 16713 | Σ 3007 | A = 23 ^h 20 ^m .3 | D = 20°17' | 6.5 — 9.5 |
| AB | 56.749 | 89.7 | 6.45 | |
| | 56.752 | 91.3 | 6.07 | |
| | 56.755 | 91.6 | 6.73 | |
| | <u>56.752</u> | <u>90.9</u> | <u>6.32</u> | |
| AC ultima oss. 1921.82 317°.2; 81".28 | 56.749 | 311.5 | 88.98 | 6.5 — 8.8 |
| | 56.752 | 309.8 | 86.84 | |
| | 56.755 | 310.9 | 88.91 | |
| | <u>56.752</u> | <u>310.7</u> | <u>88.24</u> | |
| ADS 16982 | Σ 3037 | A = 23 ^h 33 ^m .6 | D = 60°12' | 7.0 — 8.5 |
| AB | 56.875 | 210.0 | 3.04 | |
| | 56.878 | 213.7 | 2.95 | |
| | <u>56.877</u> | <u>211.9</u> | <u>3.00</u> | |
| AC | 56.875 | 186.4 | 29.79 | 7.0 — 8.9 |
| | 56.878 | 187.9 | 28.98 | |
| | <u>56.877</u> | <u>187.2</u> | <u>29.39</u> | |

Segue tabella I

| | | | | |
|------------------------------------|---------------|--------------|---------------|-----------|
| AD | 56.875 | 229.1 | 52.58 | 7.0 — 8.9 |
| | 56.878 | 228.4 | 52.52 | |
| | <u>56.877</u> | <u>228.8</u> | <u>52.55</u> | |
| AE Nuova stella di confronto | 56.875 | 242.0 | 110.96 | 7.0 — ? |
| | 56.878 | 241.9 | 110.50 | |
| | <u>56.877</u> | <u>242.0</u> | <u>110.73</u> | |
| AF Nuova stella di confronto | 56.875 | 325.4 | 125.97 | 7.0 — ? |
| | 56.878 | 324.8 | 124.23 | |
| | <u>56.877</u> | <u>325.1</u> | <u>125.10</u> | |

TABELLA II

| | | | | |
|-----------|--------|--------|--------|------------------|
| ADS 1860 | 1957.0 | — 1.9 | 0.17 | Rabe |
| ADS 7251 | 1957.2 | — 2.6 | 0.42 | Hopmann |
| | | — 1.8 | 0.39 | Guentzel-Lingner |
| ADS 8695 | 1956.4 | — 10.9 | — 0.12 | Schmidler |
| ADS 9626 | 1956.5 | — 6.1 | — 0.42 | Baize |
| ADS 11635 | AB | 1956.6 | 0.4 | Guentzel-Lingner |
| | CD | 1956.6 | 1.8 | Guentzel-Lingner |

TABELLA III

| | | | o | " | |
|----------|----|---------|-------|-------|-----|
| ADS4179 | AB | 1957.14 | 41.2 | 4.55 | 1 F |
| | | 1953.64 | 44.0 | 4.34 | 2½ |
| | | 1945.41 | 43.0 | 4.33 | 3 |
| | | 1935.69 | 43.2 | 4.32 | 3 |
| | | 1930.20 | 44.3 | 4.42 | 3 |
| | | 1923.36 | 43.6 | 4.38 | 1 |
| | | 1912.78 | 43.4 | 4.46 | 1 |
| | | 1903.83 | 43.1 | 4.42 | 1 |
| | | 1896.57 | 43.4 | 4.53 | 1 |
| | | 1890.02 | 40.5 | 5.38 | 1 |
| ADS 4179 | AC | 1957.14 | 181.6 | 27.97 | 1 F |
| | | 1930.92 | 183.6 | 28.48 | 1 |
| | | 1921.74 | 183.6 | 29.13 | 1 |
| | | 1913.24 | 182.6 | 28.42 | 1 |
| | | 1909.10 | 183.6 | 28.80 | 1 |
| | | 1880.68 | 183.1 | 28.66 | 1 |
| ADS 4179 | AD | 1957.14 | 267.7 | 78.58 | 1 F |
| | | 1915.06 | 271.8 | 78.17 | 1 |
| | | 1905.37 | 270.8 | 78.39 | 1 |
| ADS 4186 | AC | 1957.17 | 130.4 | 13.03 | 1 F |
| | | 1954.57 | 131.5 | 12.82 | 1 |
| | | 1933.25 | 131.6 | 12.89 | 1 |
| | | 1922.15 | 131.6 | 13.11 | 1½ |
| | | 1911.61 | 130.2 | 13.03 | 1½ |
| | | 1902.01 | 131.4 | 13.02 | 1 |
| ADS 4186 | DC | 1957.17 | 240.2 | 13.69 | 1 F |
| | | 1935.40 | 241.2 | 13.28 | 1 |
| | | 1911.61 | 241.3 | 13.38 | 1½ |
| | | 1905.01 | 241.2 | 13.36 | 1 |
| ADS 4186 | BC | 1957.17 | 161.3 | 17.34 | 1 F |
| | | 1933.25 | 162.7 | 16.74 | 1 |
| | | 1911.40 | 162.2 | 16.58 | 1 |
| | | 1902.01 | 162.5 | 16.43 | 1 |
| ADS 5322 | AB | 1957.17 | 209.9 | 2.86 | 1 F |
| | | 1942.32 | 211.8 | 2.85 | 1¾ |
| | | 1931.75 | 210.9 | 2.94 | 1 |
| | | 1922.33 | 212.0 | 3.01 | 1 |
| | | 1911.91 | 211.2 | 2.94 | 1 |
| | | 1906.56 | 213.5 | 2.84 | 1½ |
| ADS 5322 | AE | 1957.17 | 138.3 | 73.88 | 1 F |
| | | 1923.62 | 139.8 | 73.96 | 1 |
| | | 1913.17 | 139.2 | 73.90 | 1 |
| | | 1899.70 | 138.8 | 74.12 | 1 |
| | | 1888.80 | 139.2 | 73.89 | 1 |
| ADS 5322 | AC | 1957.17 | 12.0 | 16.72 | 1 F |
| | | 1934.91 | 15.7 | 16.93 | 1½ |
| | | 1924.34 | 14.2 | 16.62 | 1 |
| | | 1909.87 | 13.7 | 16.66 | 1 |
| | | 1896.09 | 14.1 | 16.48 | 1 |

Segue tabella III

| | | o | " | |
|-------------------|---------|-------|-------|-------------------------------|
| ADS 5322 A-D11, C | | 164.8 | 89.30 | 1 F |
| | 1957.17 | 166.6 | 89.15 | 1 |
| | 1923.67 | 166.2 | 89.77 | 1 |
| ADS 5977 AB | 1957.17 | 88.4 | 8.38 | 1 F |
| | 1932.90 | 89.7 | 8.23 | 1 |
| | 1901.16 | 89.6 | 8.30 | 1 |
| | 1898.14 | 92.2 | 8.42 | 1 |
| | 1880.20 | 90.0 | 7.84 | 1 |
| ADS 5977 AD | 1957.17 | 73.6 | 85.32 | 1 F |
| | 1880.20 | 78.0 | 84.43 | 1 |
| ADS 10991 AC | 1956.59 | 211.8 | 11.23 | 1 F |
| | 1934.23 | 212.2 | 10.78 | 1 |
| | 1909.68 | 211.8 | 10.66 | 1 |
| | 1890.54 | 212.3 | 10.71 | 1 |
| ADS 13312 AB | 1956.76 | 175.0 | 1.92 | 1 F |
| | 1950.29 | 174.1 | 1.95 | 2 ³ / ₄ |
| | 1933.85 | 173.6 | 2.06 | 1 |
| | 1922.91 | 174.5 | 2.07 | 1 |
| | 1909.95 | 176.4 | 2.02 | 1 |
| | 1902.22 | 174.2 | 2.02 | 1 |
| ADS 13312 AC | 1956.76 | 326.2 | 42.42 | 1 F |
| | 1933.78 | 327.6 | 41.92 | 1 ³ / ₄ |
| | 1923.55 | 327.5 | 42.62 | 1 |
| | 1903.88 | 327.5 | 42.48 | 1 |
| ADS 13374 AC | 1956.76 | 24.5 | 11.27 | 1 F |
| | 1942.19 | 27.2 | 10.24 | 1 ¹ / ₂ |
| | 1925.55 | 27.4 | 9.85 | 1 ¹ / ₂ |
| | 1913.62 | 24.7 | 9.36 | 1 |
| | 1876.73 | 25.8 | 9.75 | 1 |
| ADS 13374 AD | 1956.76 | 297.7 | 11.13 | 1 F |
| | 1942.19 | 300.7 | 11.31 | 1 |
| | 1925.83 | 300.0 | 11.34 | 1 ¹ / ₂ |
| | 1913.62 | 299.9 | 11.38 | 1 |
| | 1895.65 | 297.8 | 11.67 | 1 |
| | 1876.73 | 300.7 | 11.16 | 1 |
| ADS 13374 AE | 1956.76 | 107.2 | 28.74 | 1 F |
| | 1940.70 | 107.7 | 28.01 | 1 |
| | 1926.33 | 108.2 | 28.16 | 1 ¹ / ₂ |
| | 1913.62 | 107.5 | 28.11 | 1 |
| | 1876.73 | 106.8 | 28.15 | 1 |
| ADS 13374 AF | 1956.76 | 26.9 | 36.56 | 1 F |
| | 1940.70 | 28.3 | 36.06 | 1 |
| | 1926.52 | 28.7 | 36.00 | 1 ¹ / ₂ |
| | 1913.62 | 28.3 | 36.07 | 1 |
| | 1876.73 | 28.2 | 35.96 | 1 |

Segue tabella III

| | | | | | |
|------------------------|-------|-----------|-------|---------|-------|
| ADS 15184 | AC | 1956.76 | 119.2 | 12.21 | 1 F |
| | | 1951.60 | 121.1 | 11.76 | 1 |
| | | 1935.06 | 120.1 | 11.82 | 1 |
| | | 1923.62 | 120.6 | 11.98 | 1 |
| | | 1915.62 | 120.4 | 11.66 | 1 |
| | | 1900.57 | 120.4 | 11.81 | 1 |
| | | 1889.52 | 121.5 | 11.81 | 1 |
| | | ADS 15184 | AD | 1956.76 | 337.5 |
| 1951.60 | 338.9 | | | 19.33 | 1 |
| 1935.06 | 339.3 | | | 19.94 | 1 |
| 1923.62 | 339.0 | | | 20.06 | 1 |
| 1915.62 | 339.5 | | | 19.95 | 1 |
| 1900.57 | 339.2 | | | 20.01 | 1 |
| 1889.52 | 339.3 | | | 19.84 | 1 |
| ADS 1073 (H III 23) | AC | | | 1956.88 | 229.3 |
| | | 1925.25 | 230.7 | 134.51 | 1 |
| | | 1917.75 | 229.8 | 133.87 | 1 |
| | | 1909.52 | 230.8 | 133.69 | 1 |
| | | 1903.76 | 230.6 | 133.83 | 1 |
| ADS 1073 | CD | 1956.88 | 265.3 | 42.75 | 1 F |
| | | 1907.11 | 264.8 | 41.54 | 2 |

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