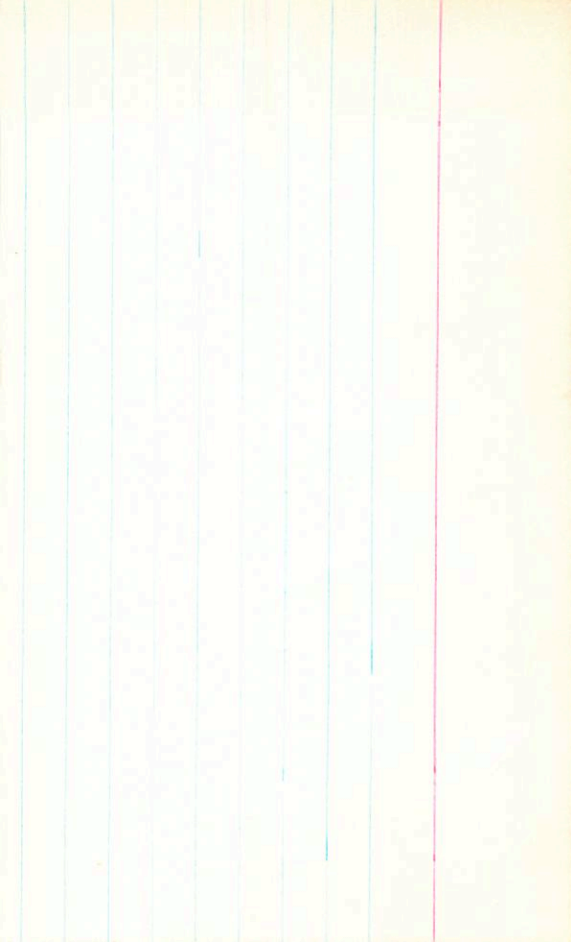


8810 9 32 17 -22 45 5.50-02

5.56 -661 904 +137 2.377 12mg 76
5.54 -700 901 +164 2.350 15.11
5.55 -680 902 +150 2.393

3872 9 42 34 -51 07 6.14-11

✓ 6.32-720 809-378 2.217 15 Nov 76
6.33-709 807-374 2.212 20 Apr 76
6.32-715 806-378 2.214



8975 ✓ 9 42 52 - 53 47 5:55 - 04

5.61 - 713 874 +101 2.361 157m726

267 60 34 36 -35 34.5 14.5 A:

3867

9 41 25 -35 23 410-06

6.41 - 665 297 - 205 2.208 20 Apr 76

6.43 - 686 811 - 208 2.200 13 May 76

6.42 - 675 804 - 204 2.204

8883 9 44 53 -57 04 646-12

647-720 828 -568 2157 25 Apr 76
449-784 584 828 5412 2196 9C Pm e1
449-784 484 828 895- 570 9C S-
449-784 584 828 828 828 828

80-230289
8/5

60 37 45

22 46.5

10.8 150

~~84243~~

8340000

84743

9 45 00 - 44 36 A0

✓✓

832-652 913+217 2.408 142476
934 -613 915 -184 2.384 152476
833 -668 914 +190 2.396 (2)
110

3858 ✓
 9 ✓
 44 ✓
 60 ✓
 45 ✓
 37 ✓
 5.07 B7 ✓

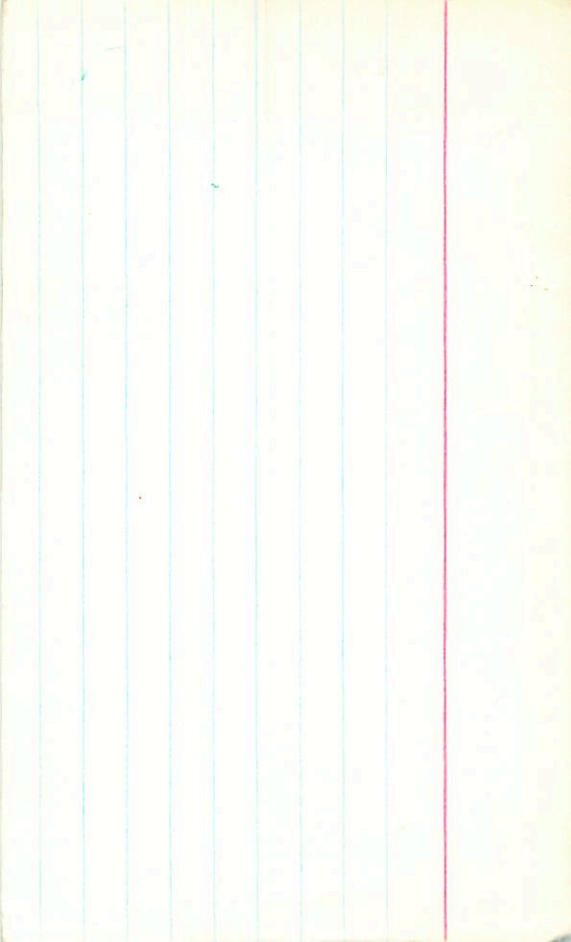
Both Answers

8.4 B4
 6.11
 8.4 B4

5.32-626 814-157 2.150 14287L
 5.11-733 814-277 2.197 11777L
 5.11-714 795-263 2270 22777L
 5.11-724 808-265 2.196 ③

9.91-711832+2014 0.352
 9.91-727667+775 2.351
 9.91-723852+64 2.330
 9.37-774+860+82 2.340

117777L
 14287L



Dr Wang

1 NOV

14 114 80 10 01

7.99 + 12.16

✓
86986

86986

607 119 1266

119 1266

109 115 1200

137

9.02 - 586 + 837 + 348 2.325 22 Nov 76

7.96 - 600 + 837 + 353 2.803 21 Apr 76

7.99 - 606 963 + 357 2.324 .22 ."

7.99 - 598 844 + 353 2.315 (3)

2427 9 53 55 -50 07 872 00

573-700 898 + 48 2.421 15mm76

✓

3963

10

02

51

-17

59

5.85-07

do both

22" 8.0 A

— 11" 12" optical

$$\begin{array}{r}
 6.27-710 \text{ 871} - 9 \\
 \underline{6.28-715 \text{ 858}} \\
 611 \text{ 7}
 \end{array}$$

$$\begin{array}{r}
 6.27-710 \text{ 871} + 27 \\
 \underline{6.28-715 \text{ 858}} \\
 611 \text{ 7}
 \end{array}$$

$$\begin{array}{r}
 2.272 \\
 \underline{2.265} \\
 2.265 \text{ (2)}
 \end{array}$$

15 May 76
23 Apr 76

$$\begin{array}{r}
 7.14-719 \text{ 895} + 65 \\
 \underline{7.15-701 \text{ 886}} \\
 714 \text{ 890}
 \end{array}$$

$$\begin{array}{r}
 7.14-719 \text{ 895} + 65 \\
 \underline{7.15-701 \text{ 886}} \\
 714 \text{ 890}
 \end{array}$$

$$\begin{array}{r}
 2.344 \\
 \underline{2.336} \\
 2.340 \text{ (2)}
 \end{array}$$

15 May 76
23 Apr 76

67

13^m 14^v

3542 10 02 32 25 12 673 A0

$$\begin{array}{r}
 6.74 - 6.69 \quad 868 + 145 \\
 \hline
 6.23 - 6.14 \quad 878 + 158 \\
 \hline
 6.74 - 6.77 \quad 823 + 171 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2.319 \\
 \hline
 2.325 \\
 \hline
 2.323
 \end{array}$$

BD FRORS

346

BU 49

39

-17

563

10.6.47

FOH

NGC 3114

3460 ✓

10 01 00 -60 17 5.95 +26

5.69

13 04

5.52 +21.8 +116 1.385 2.750 20 Jan 23

5.53 146 132 1354 (2745) 23 "

5.54 165 132 1.525 2.752 1

5.54 +156 128 1.435 2.751

5.56 532 855 + 582 2.252 15 Aug 76

✓✓✓

+ R ✓

(1R)

63w F6

87654 10 03 22 -64 18 9.6

377 1915 245

9.11 -325 860 -461 29 Apr 77

9.11 -342 885 -488 17 May 77

9.09 -324 865 -491 2 "

9.10 -330 870 -480 ③

8.80

10.20 30 Apr 77

8.65

+0.165 3 May 77

(NS) ✓

51

3961 10 02 34 +3 20 6.32 d 13

47301

~~6.22 858 744 414 2.87~~

(1)

6.43 269 166 514 2.652 13 Mar 71

(1)

6.42 293 166 498 2.668 9 Apr

222 145 579 14 155

6.50 -430 870 -334 22 Mar 76 6.46 +0.155 13 Dec 74

6.48 -404 889 -267 13 Mar 77 6.89 +0.135 21 Mar 76

6.49 -417 880 -315 6.29 +0.165 17 Apr

276 155 539 1437 6.38 +0.15 (3)

3983 10 01 24 -82 06 5.57⁺⁰³

5.56-672-897 +120 2.358 20 Apr 76

264 00 37 39 -34 50.5

13.6 45:14
~~10.8~~ PD

1823 + 242 + 092 + 644 ad = 6

Also RJ ✓

8-40+63-10.514
8.48+63+12
R

88371 10 10 24 +23 52.5

G 54-17

188

8.43-259 986-686 13 Nov 77

8.42-325 919-482 11 Dec 77

8.40-309 911-476 10 Apr 77

8.40-302 874-430 9"

8.41-312 901-463 (3)

8.31 +0.225 ^{27 Dec}

8.21
8.26
+0.225 ⁷⁶ Jan 77
52.04

4002 10 08 54 -69 33.5 5.90 + 0.2

$\Delta m = 0.1''$

5.81 -672-961+158 2.363 15 mar 76
5.85 -674 956+144 2.235 12 may 76
5.93 -673 858 152-2.350

3586

10 07

24

-15

24

6.26-02

625-666 159 101 558 999-509
70402 583.02 20 Apr 76

OS 24 II
~~274~~ ~~50~~ ~~40~~ ~~09~~ -20 19.5 late A?

4000 10 11 55 -28 295 6.27 401

6.28 -695 908 +60 2.374 16 March 76
6.33 -698 926 -45 2.376 19 April 76
6.30 -696 917 +010 2.375

0.2
1200=0