

5 1

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

100 100

9

220172.000*

23.000*

19.300*

-10.000*

-2.000*

-0.006*

-0.009*

10.700*

1380.384

12.600

-0.044

-0.171

-63.478

-0.025

0.426

-29.614

-0.004

-0.888

-16.162

220334 23 20.3 +20 17/6.6 d60 -22.4 d

32537

14665

60516713

6" (9.6 d146 -22.2)

+0221²⁴ -012²⁴ N30

+0221±2.6 -010±2.4 GC ⇒ N30

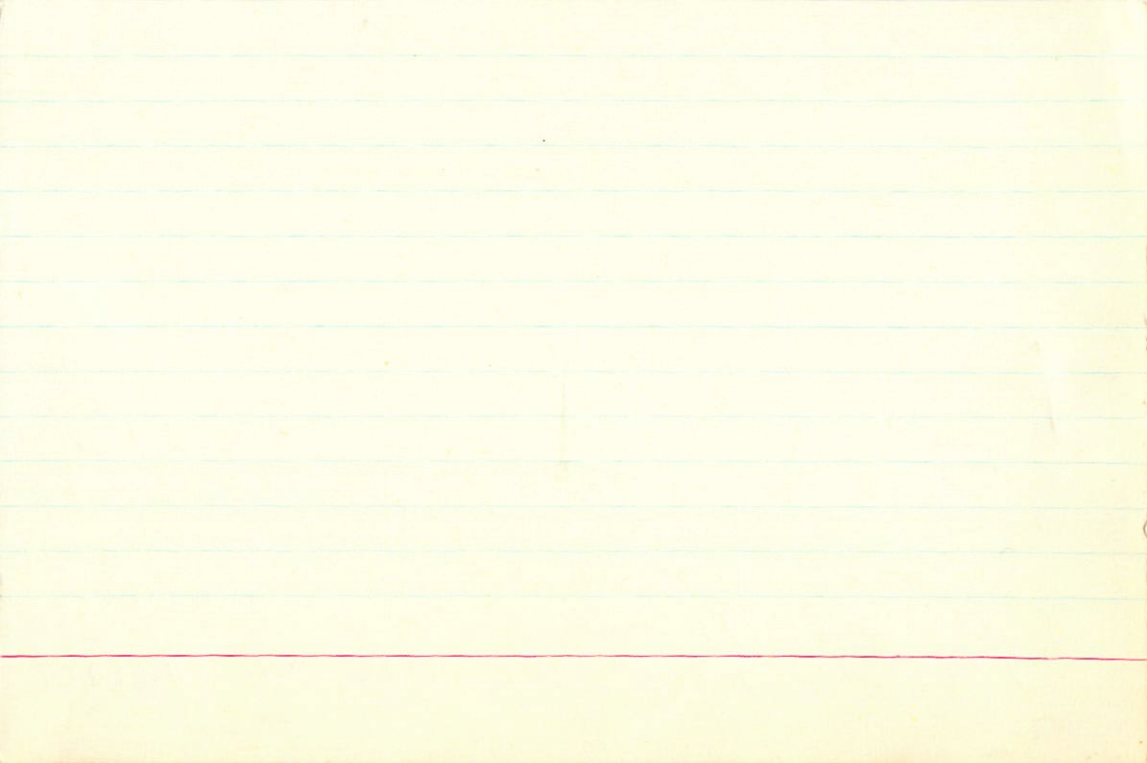
64

Δm=2.6 6"

ND

9789

2013



220369

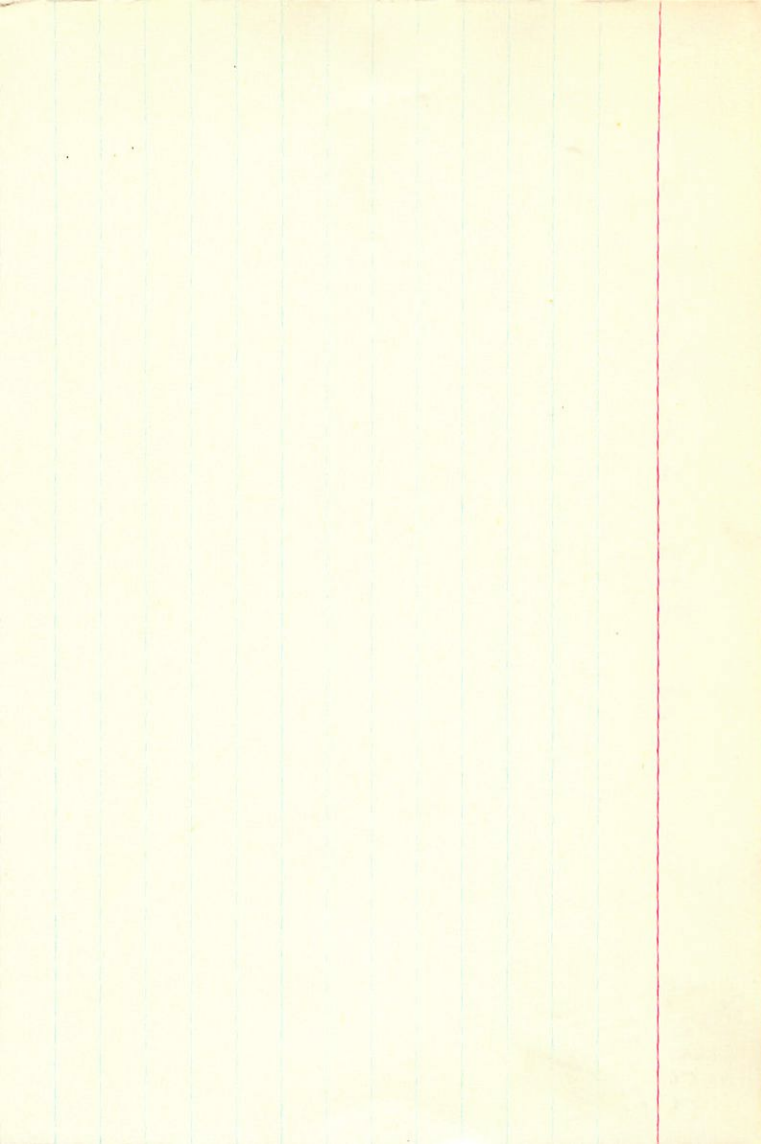
23 20.3 +59 52 5.9 gms -11.78

32538

-1108

14667

36 +00238 N30
-0001
-0002 $\pm$ 2.6 -002 $\pm$ 1.9 GC N30



98 Apr

220321

32540

14668

23

20.3

-20

22

4.2

940

-6.54

-0085⁴⁷

-099⁵⁰

N30

✓58⑥

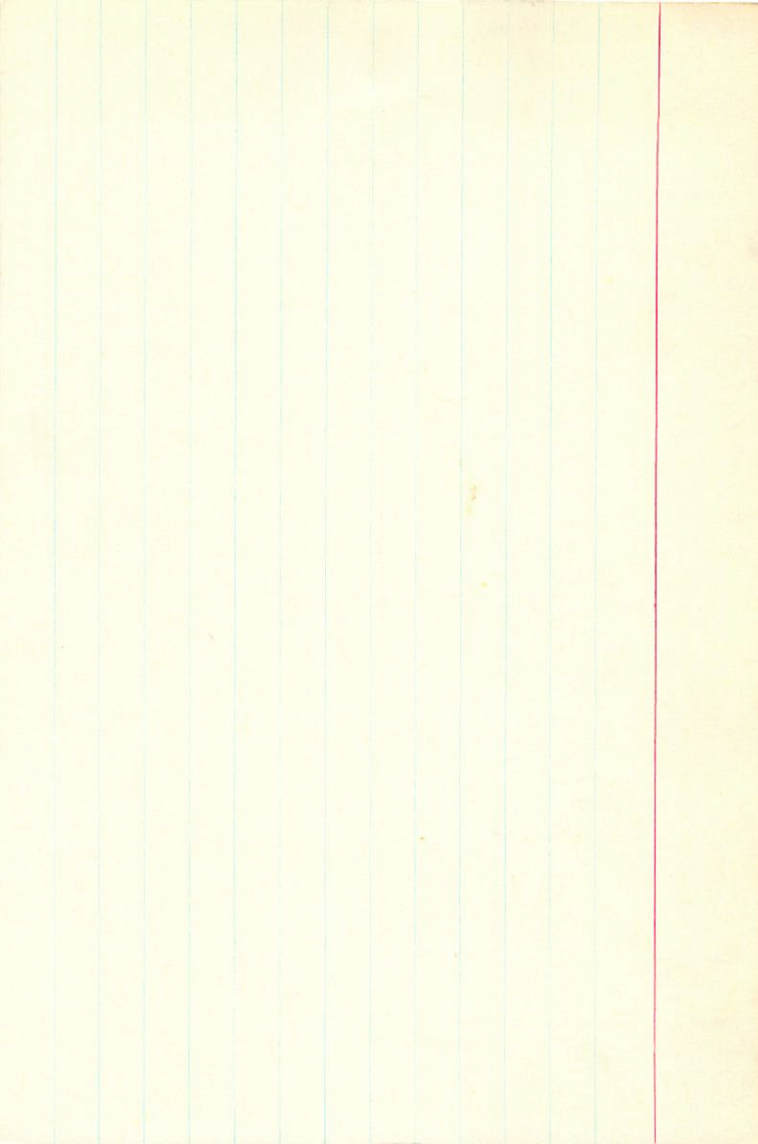
-0088^{21.4}

-094^{±1.7}

0.6

2430

397+1.11 2.06 S 24⁴



22 0326 730

17.8

24

23 20.5 -43 08 A5±

+34.8 25±

cal air

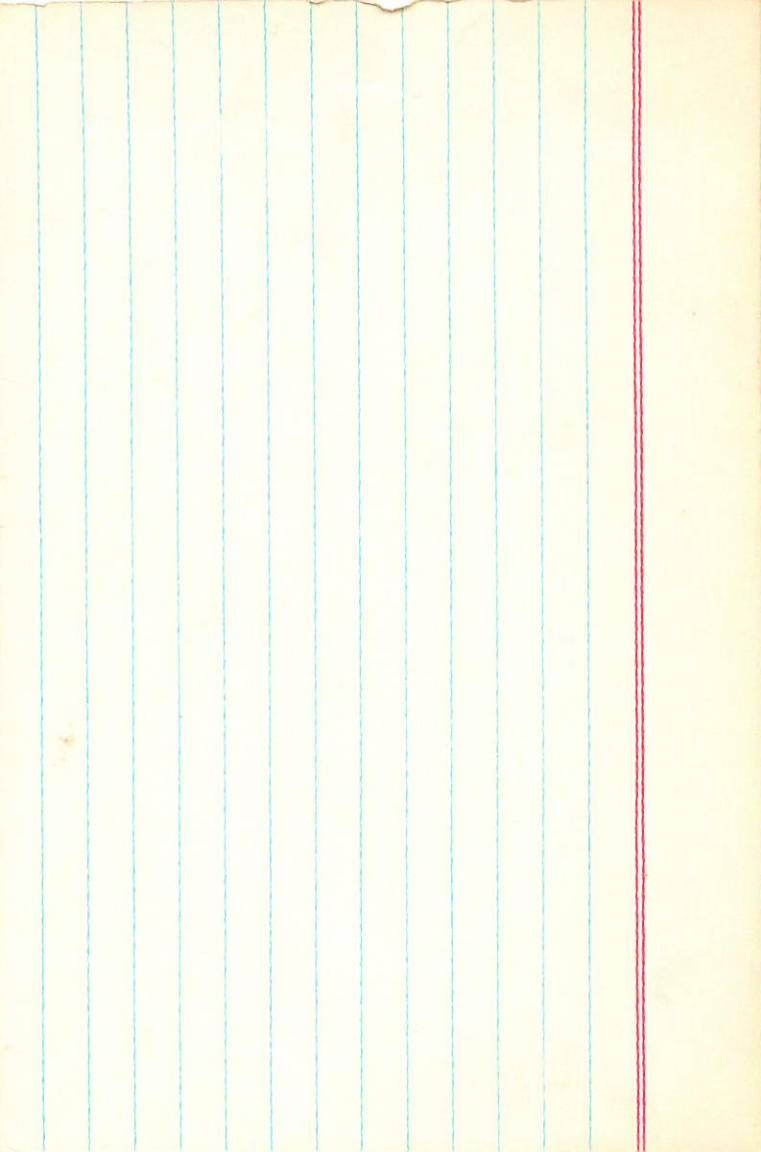
9.35 +0.24 +0.05 BS

-047 -051 LA
+10 +2
-037 -049

fix

-045 -048
+1
-047
+
-044
-046

871 246 -352	-1899 -0659	-2558	-13.6
-359 928 -098	+0793 -2067	-1284	-3.4
-334 226 -905	+0728 +0503	+1231	-31.8



66P4

220363

38543
14670

23 20.6 +12 02 5.3 914-3.8a

35
+0013 -010 32 N30
+0015 ±2.1 -012 ±1.9 G-C N30

AP51670

(C-6)

-3.4 (12)
10.9 (2)

8597

23 21.0 . 0 00

Cassini
6.30 + 1.61 + 1.55

+0417

-8

+13

+0234

+11

-4

22

+0422

+024

+11

+063

+002

+020

+065

+845

+8.4 Supp

+775

10



$8894 \quad 23 \quad 21.3 \quad +32 \quad 15 \quad +229 \quad +042 \rightarrow \text{good}$
 $+1250 \quad +73$

$6.69 + 43 - 09$
 673

14th

$871 \quad 455 \quad 183$
 $-358 \quad 333 \quad 872$
 $-336 \quad 826 \quad -453$

$+9272 - 0966$
 $-3852 - 0663$
 $-3615 + 1644$

$10278 + 503 + 1.5$
 $-3189 - 15.6 + 8.9$
 $-1971 - 9.7 - 4.6$

52.2
 -6.7
 $+43$



220460

23 21.3

+32

15

FS

1408899

0002557

669+40-7 1556

35
98

327 146 4052 500 2640
316 129 404 (15)

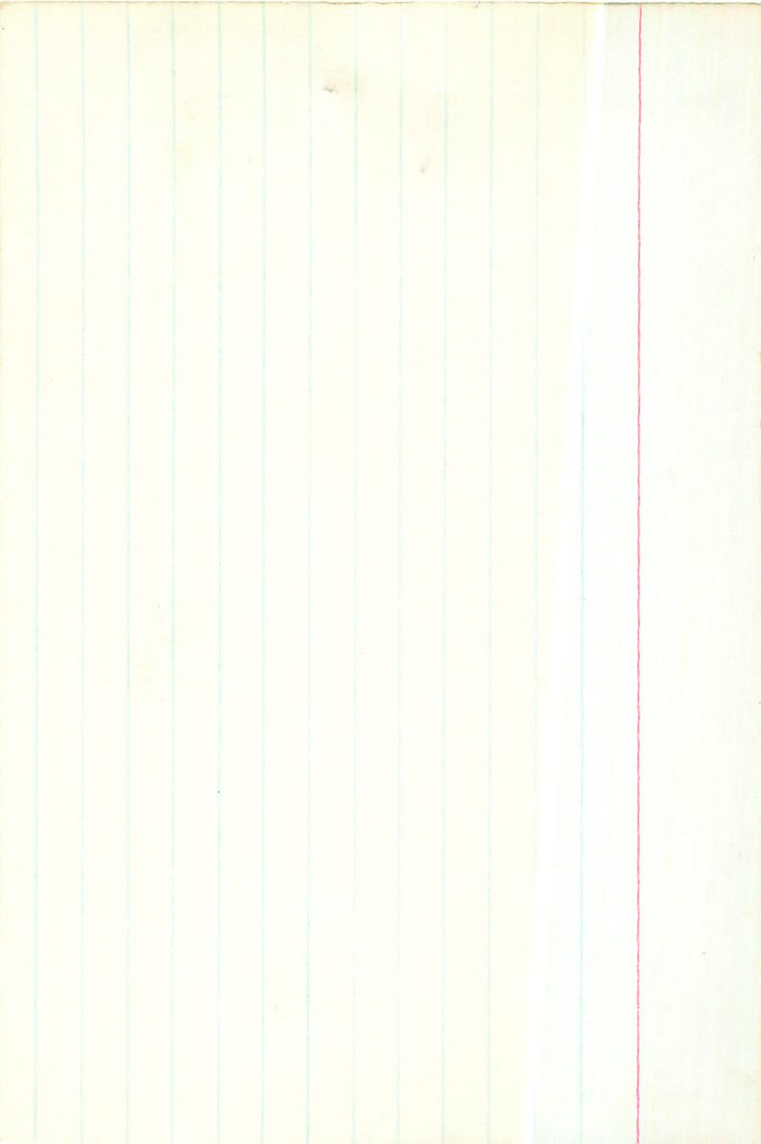
670
u₁ 2

(3) 604

174

340

46^{pm} +52.2 -6.7 -14.3 +227
+10.2
+1028 -319 -197 +42



$$\begin{array}{r} -0052 \pm 2.8 \\ -0052 \end{array} \quad \begin{array}{r} -086 \pm 1.5 \\ -080 \end{array}$$

$$220466 \quad 23 \quad 21.4 \quad -22 \quad 03 \quad 6.5 \quad d52 \quad +24.51$$

$$32560$$

$$6.50 + 42 - 6 \quad 4 \text{ eggs}$$

$$14676$$

$$26.072$$

$$1510.8 \quad -22 \quad 2 \quad 53.69 \quad 1899.5$$

$$A0516727$$

$$204$$

$$434$$

$$10.5 \text{ m} \quad 2''$$

$$26.276$$

$$49.35$$

$$2.022$$

$$19.178$$

$$16.47 \quad 1534.34$$

$$26.200$$

$$13.73$$

$$27.5$$

$$52.74$$

$$14.99$$

$$38.33$$

$$15.9$$

$$97$$

$$13.9$$

$$52.46$$

$$38.8$$

$$54.551$$

$$26.150$$

$$132$$

$$10.01$$

$$52.52$$

$$-3.11$$

$$26.203$$

$$11.19$$

$$-144$$

$$52.48$$

$$52.24$$

$$1934.07$$

$$-6$$

$$11.19$$

$$52.48$$

$$19$$

$$52.79$$

$$1941.46$$



220465

23 21.5

-18 58 68111 -18.646

FD1297

~~GC33259~~

GC32501

6.18 +1.02 2.08

+0103 ± 9.5

+046
+074 ± 8.7

29.803

1903.9 +0120

47.54 1900.7

-475

-3.65

29.328

549.84

+0112 +060

+0115 +058

10.877

18.820

5.691

29.466

168.4

+163

64.12

13.58

50.54

50.53

234

50.1

1533.57

220465.000*

23.000*

21.500*

-18.000*

-58.000*

0.163*

0.058*

5.000*

100.000

-18.600

0.792

-0.233

83.534

-0.036

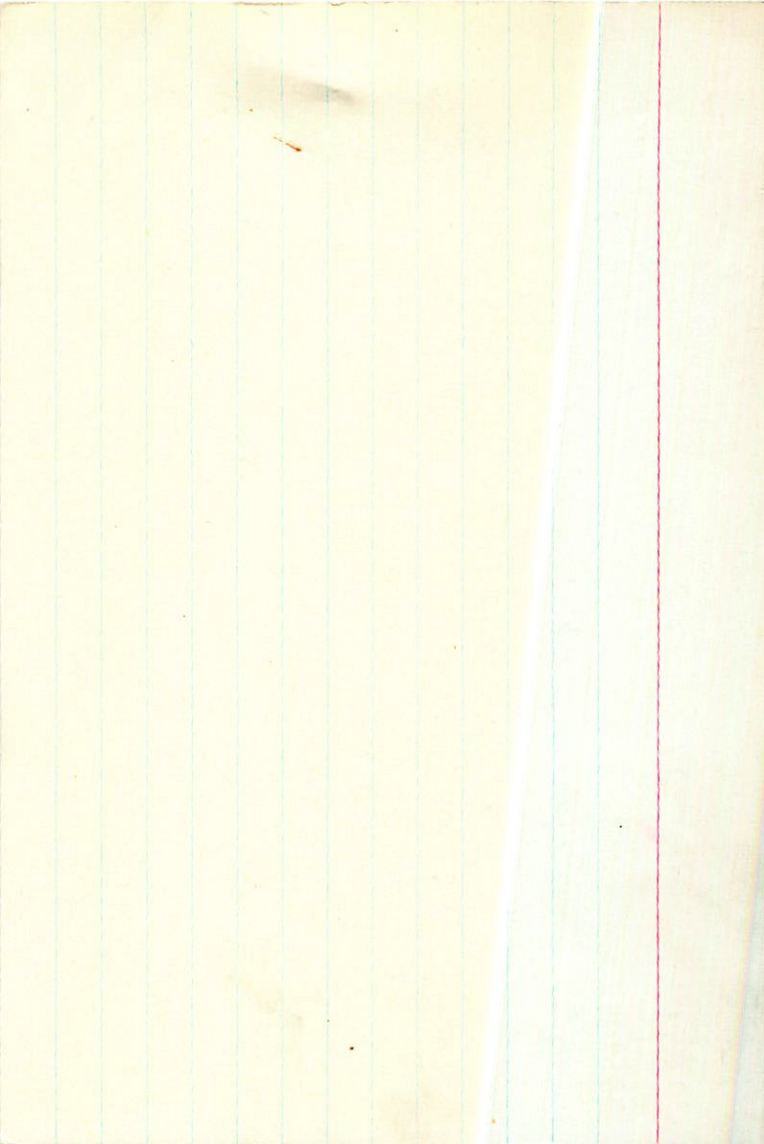
0.289

-8.935

-0.210

-0.929

-3.680



Ru Apr

20 21.8 -17 36

8--680 B=+03

9.00 6.7
+1.60 +1.76
+1.17

6.64 ^{2.18}
+1.74

6.26
2.24
4.02
6.22
10.25

+0.0078 +0042 LB
+1 -1
+0.008 +003

+007 +004

10.25

+2662

Mem

6-320

4

13.9

-81

5-9

8.0-10.8

4074

2

652
432
105

0.000*

26.000*

26.000*

117.000*

136.000*

0.000*

0.002*

0.250*

1122.018

26.000

0.037

-0.221



0.000*

23.000*

21.000*

-17.000*

-36.000*

0.000*

0.009*

10.250*

1122.018

26.000

0.037

-0.221

35.0

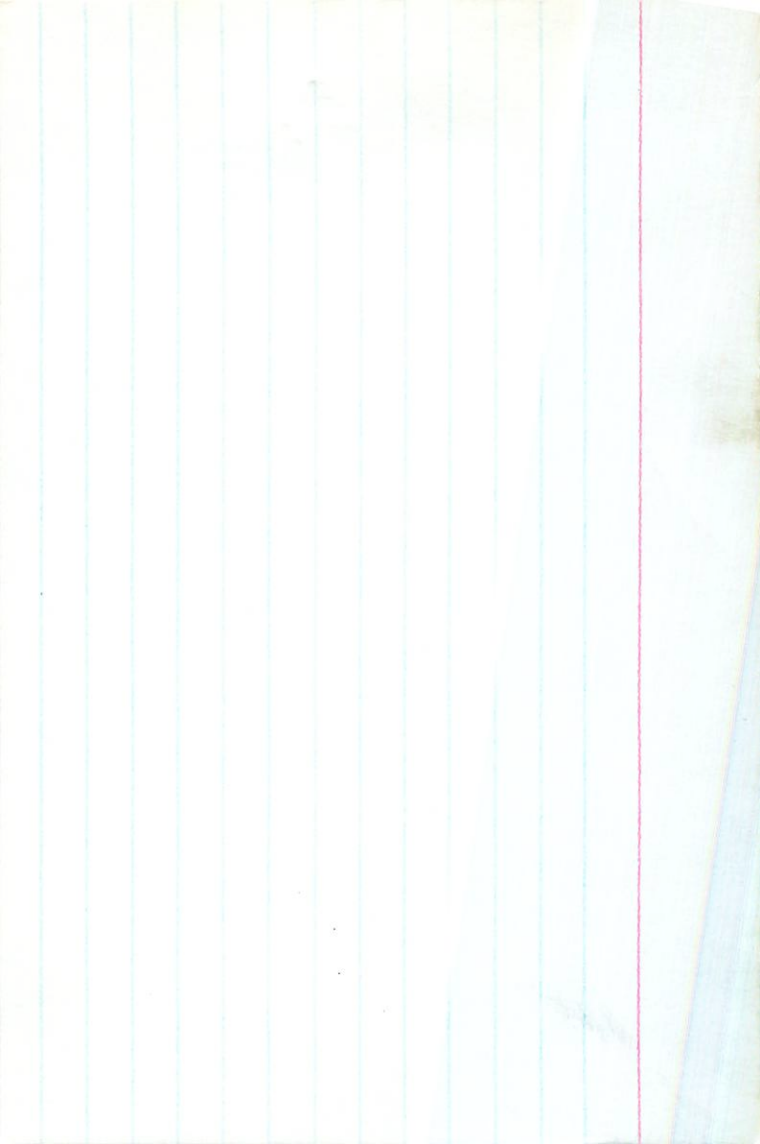
Ru Apr 23 21.5 -17 36 +26.2

+009 +0048

+0005 +004
+1 -1
+0006 +003
+008

11.22
1250.00

971 435-227	+0330 +0062	+0392 +15.6	-5.9 = +63
-558 479 312	-0212 +0125	-0087 -15.2	+8.1 -7
-336 192-922	-0127 +0027	-0100 -17.5	-23.9 -40



CZ 20470

220536 23 22.0 40 42 G-1 E +0.7 25*

75663 $\delta = +0.8$
9.06 +0.56 +0.01 305

245

+094 -210 BPM

~~17~~

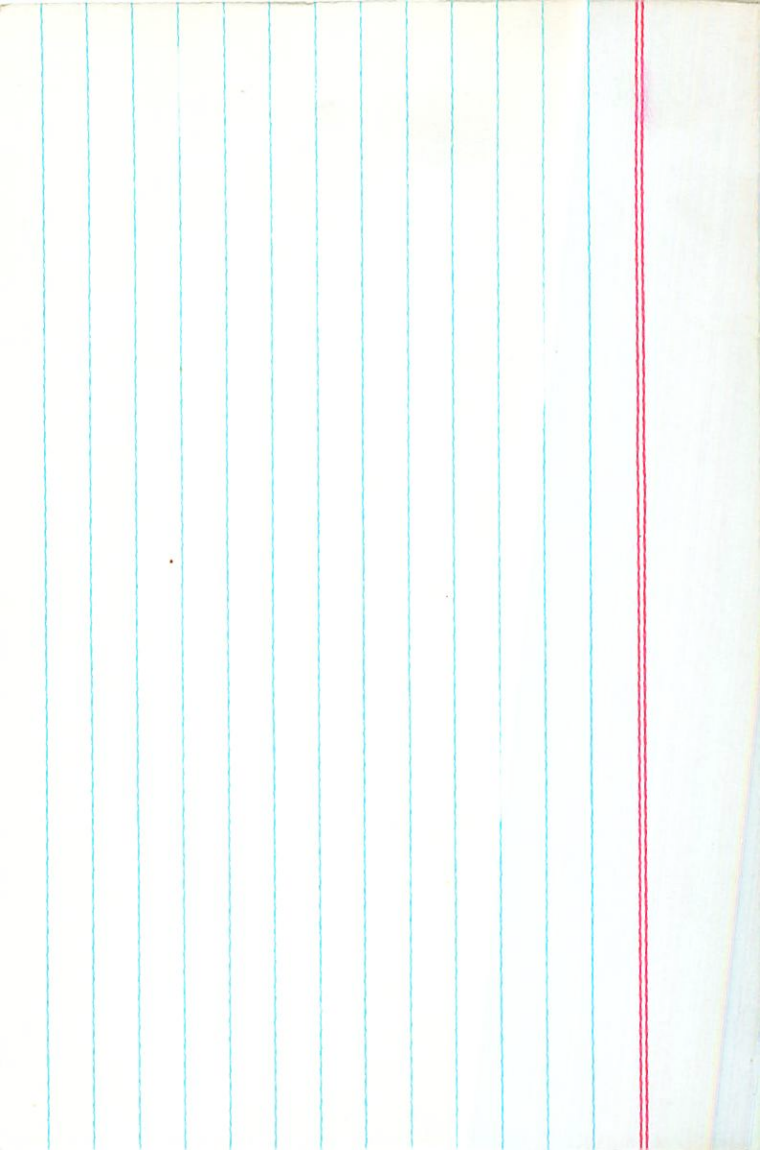
17 (6) +082 -222 CA

+069 -202 CR

+082 -211

+16 + 3

+093 -209



67Pax
220549

23 22.4 +32 07 5.5 40 +42.68

32577

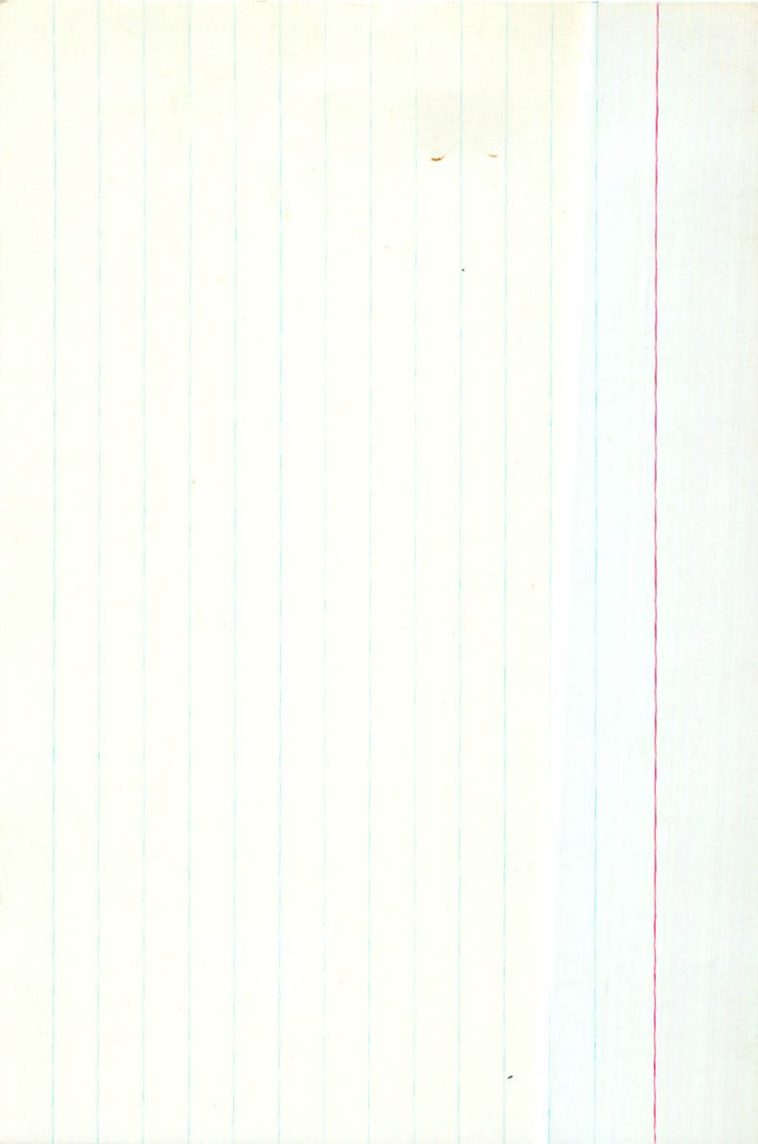
B5III

14687

+0008⁵⁹ +00161 N30

+1208

+0006 ±1.6 +002 ±1.6 6-6 → 130



68 220657
V Reg 32585
14640

23 22.9 t23 08 dF6 -11.18

H88905

4.38 +0.61 +0.13

+188 +0.37 6-

920

F86

+188 +0.41 ✓

+0136 90 +04174 N30

W14690

+0136 90 +04031.06 6-7m30

36 A (16) +037 +0405

2 M (17) +037

12.9 69

+01403 +0431 F104

134 2836

136 2836

+1936 -11.1

+1936 +039

2.15

9814

9979 1963

F105 [1936, 50203]

1914

2091 -0049

-161 587 352 520 +155 +040 -11.1 016 -4 175 ~~000~~
 030003 196 016 066 995 -10.2 -10 +2 02.

$$\begin{array}{r} -7 + 47 + 5 \\ \boxed{+42 - 200} \end{array}$$

$$-7 + 38 + 3$$

025

$$\boxed{+33 - 17 + 1}$$

$$-7 + 43 + 4$$

022

$$\boxed{+39 - 19 + 1}$$

3



220657.000*

23.000*

22.900*

23.000*

8.000*

0.196*

0.039*

2.150*

26.915

-11.100

0.898

0.121

22.819

220657

23 22.9 +23 8

F8 III

HR 8905

GC 32588

4.41 +61 +14 J

598

498

-12.820

68(r) Reg

350 .186.461 ⑥ SOC 2.6.14

⑤ Gr+

[m] 256

+30 -16.8

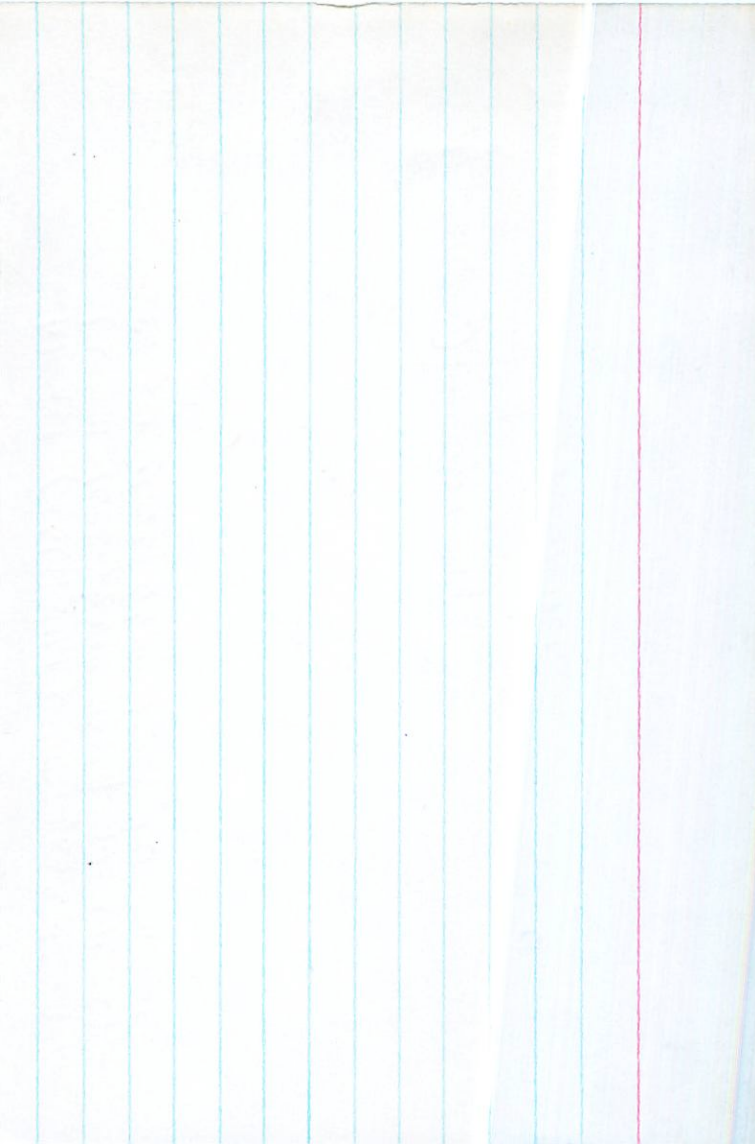
[c] 383

872	477	121	7771	0899	8770	+25.0	-1.3
-365	465	806	-3253	1882	-2371	-16.0	-8.9
-326	748	-579	-2508	1418	-1487	+1.6	+6.4

30M

+0.036 = -188
+0.040

18.12461



220729

23 23.8

-53

①

F3 17

1408907

003003

8080747

0

2593

✓

5.52 261.163 .543 2687② 17,80,3
264

210 +8

491 +47
+50

+255

064

1784

823 238 -4240
-370 892 -2400
-318 -388 -864

1531 1365
-0651 5116
-0558 2208

2896
4465
-2764

4012
+4.8
+13.6
-27.9

-6.8
-42
-13.8

602

+16

40027

+118

Stop 1468

+14

+3

40041

+121

1037

+6901329

+0353±8.7
+0354

-013±15.0

32589 23 23.0 +69 41 26.4 -11.6 to 34

14691

184

58.716 1909.2

+69 40 31.42-1504.9

-1.440

3.9

57.276

32.01

57.97355

31.6 1929.8

-14.4

58.00

+0.199 -0.27 G.P. → 70.6 31.4

1.89

+0353±9

-013±15.0

+0354±8

-023±8 new 10.12

+0352

-027 G.P.

363

99 Agr 270704
32594
14694

H R 7506

W 14694

2.3 23.4 -20 55 915 +15.7a

-055 -056 6c

4.40 +1.46 4.81 115.11 -050 -055 N, 6c+

31 32 N30

30 36 -055

-0036 41.9 -058 206c 7130

-0036 41.9

-159987 -357 834 -050 -055 +15.7 020 -5.6 -24²₂
-008 003 -049 002 -047 -21⁵₄ +14.7 +14.5 -2.3 01

+9.8 -24.1 -29.8

+3.3 -6.8 -18.8

015

+11.4 -16.8 -21.7

-23.9 -3.3 -17.3

014

+11.1 -17.8 -22.9

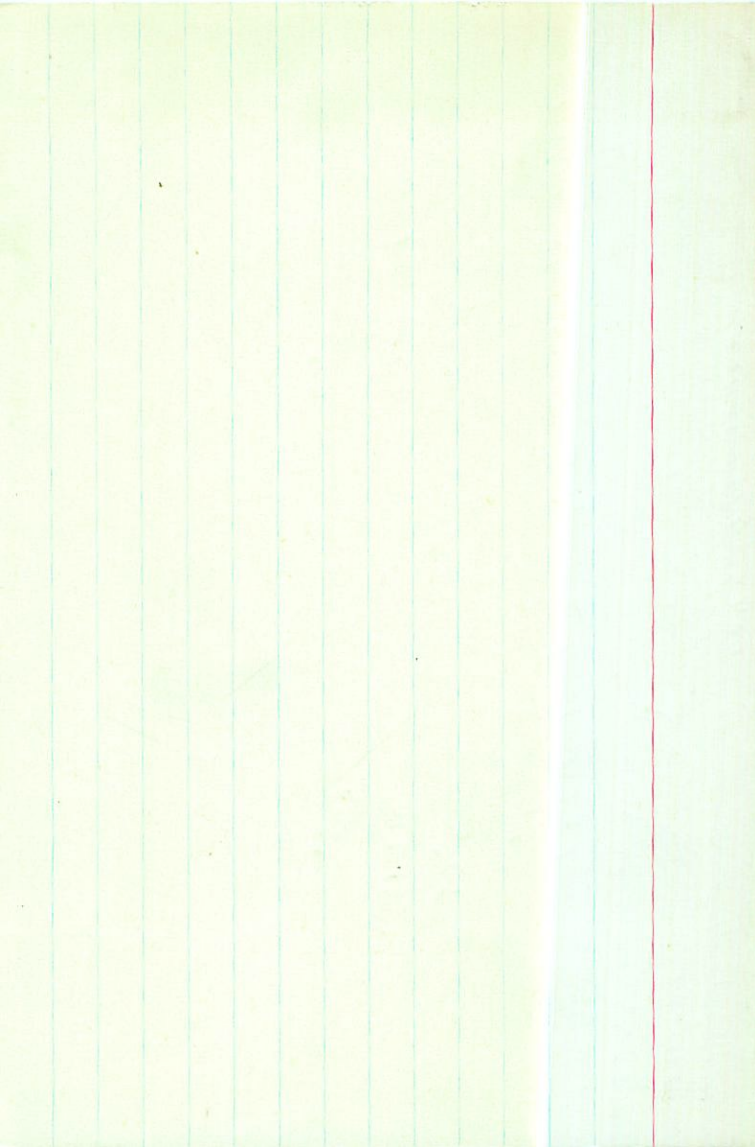
-25.4 -3.8 -17.7

0145

+6801374
220781
32595
14696

-0045 ± 9.0 +043 ± 12.2
-0056 +005
23 23.5 +68 41 7.0 N1 -47 div

31.834 1907.3 +68 40 53.45 1908.8
192
32, 026
31.770
31
1804
-019 +003 GP
-1.77
51.68
52.05 1946.68
-12
51.96



G-29-33

23

23.7

+8

370

dets

= 14

103 670

+580 +1245

 $\mu_{11} \mu_{22} = .397$ $\mu_{12} = \mu_{21} = \left(\frac{1}{2}\right)$

10.54 + 1.84 + 1.18 K - 448 ± 1.4

$$\mu_K^2 + 5.57 \mu_K = .397$$

$$\mu_K = 1.0604 = .245$$

$$\mu_K = .337 = .580$$

873 + 488 + 0005

-370 + 654 + 660

-318 + 527 - 750

2.4000 + 5667

-10172 + 7545

-8742

+ 6701

-2041

+33.6

+36

25667 + 430 0 + 30

-2577 - 26 - 296 - 32

+33.6 +36

10 per

$$\begin{array}{r} +0037 \pm 2.5 \\ +0030 \\ \hline \end{array}$$

$$\begin{array}{r} +008 \pm 2.8 \\ +001 \\ \hline \end{array}$$

$$220766 \quad 23 \quad 24.0 \quad -22 \quad 01 \quad 6.6 \quad 9120 \quad +11.18$$

$$32606$$

$$14701 \quad 57.439 \quad 1901.0 \quad -22 \quad 0 \quad 57.57 \quad 1902.4$$

$$\begin{array}{r} -181 \\ \hline 1258 \end{array}$$

$$\begin{array}{r} -38 \\ \hline 57.93 \end{array}$$

$$38.387$$

$$19.028$$

$$\begin{array}{r} 57.413 \\ 40 \\ \hline 2.75 \end{array}$$

$$2.75$$

$$-363$$

$$57.401$$

$$\begin{array}{r} -31 \\ \hline 370 \end{array}$$

$$\begin{array}{r} 12-50 \quad 1934.4 \\ 14.48 \\ \hline \end{array}$$

$$\begin{array}{r} 366 \\ \hline 35.7 \end{array}$$

$$\begin{array}{r} 58.21 \\ \hline 58.28 \end{array}$$

$$\begin{array}{r} 57.93 \\ \hline 57.93 \end{array}$$

$$\begin{array}{r} 58.12 \\ 19 \\ \hline 57.93 \end{array}$$

$$\begin{array}{r} 58.12 \\ 19 \\ \hline 57.93 \end{array}$$

$$\begin{array}{r} 57.93 \\ \hline 57.93 \end{array}$$

$$+0.2$$

$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$

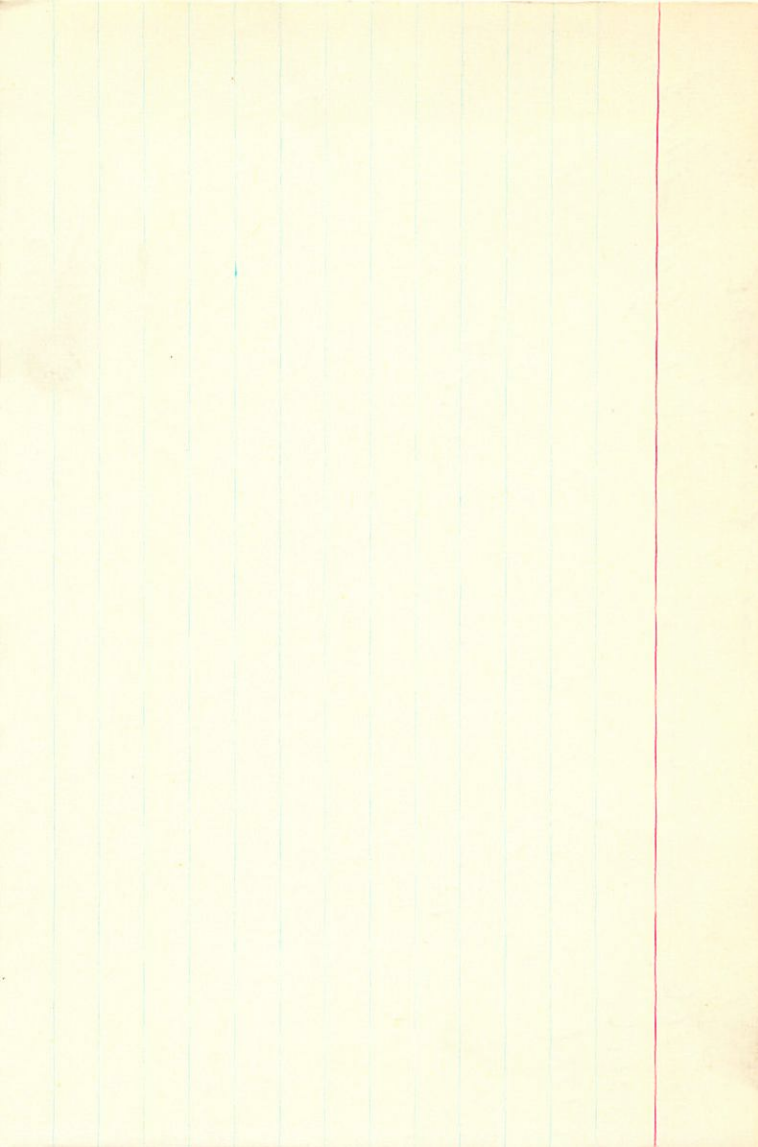
$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$

$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$

$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$

$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$

$$\begin{array}{r} 3.35 \\ \hline 36.7 \end{array}$$



474

220876 23 24.8 -13 12 7.5 943 -18.8

BAC32681

W14714

$$\begin{array}{r} -0016 -028 \\ +2 \quad -2 \\ \hline -0014 -030 \end{array}$$

$$\boxed{-020 -030}$$

873	455	-176	-0828	-0647	-1475	+3.3	-144.2
-370	851	370	+0358	-1210	-0860	-7.0	-93.0
-316	258	-912	+0301	-0367	-6066	+17.1	+8.5



2-20881 23 24.9 -27 33 7.46 +28 Pot III -18.7413
32632

54112

9/5)

24

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

1000-0000

100

100

100

8915.000*

23.000*

25.200*

24.000*

53.000*

0.029*

-0.038*

4.600*

83.176

-15.700

0.036

0.144

0.736

-0.131

4.86

93.1

41

5915.000*

23.000*

25.200*

24.000*

53.000*

0.032*

-0.036*

4.800*

91.201

-15.700

0.053

0.144

2.560

-0.132

0.817

-24.830

-0.179

-0.559

-7.549

14

$$\begin{array}{r} -0031 \pm 6.4 \\ -0030 \end{array} \quad \begin{array}{r} -093 \pm 8.7 \\ -086 \end{array}$$

$$-0.1500$$

221113

23

26.6

+22

46

6.4

6.914 +19.66

32666

+9.0(3)

14726

35.545

1896.9

+22

46

2443

1859.6

$$\begin{array}{r} 165 \\ 36, \overline{110} \end{array}$$

$$\begin{array}{r} 469 \\ 29, \overline{12} \end{array}$$

35.593

25.86 1933.2

$$\begin{array}{r} 0 \\ 593 \overline{12016} \end{array}$$

$$\begin{array}{r} 17 \\ 26, \overline{03} \end{array}$$

36.026

36.008

33.6

26.97

1927.88

$$\begin{array}{r} -3 \\ 023 \overline{-102} \end{array}$$

$$\begin{array}{r} -8 \\ 26, \overline{89} \end{array}$$

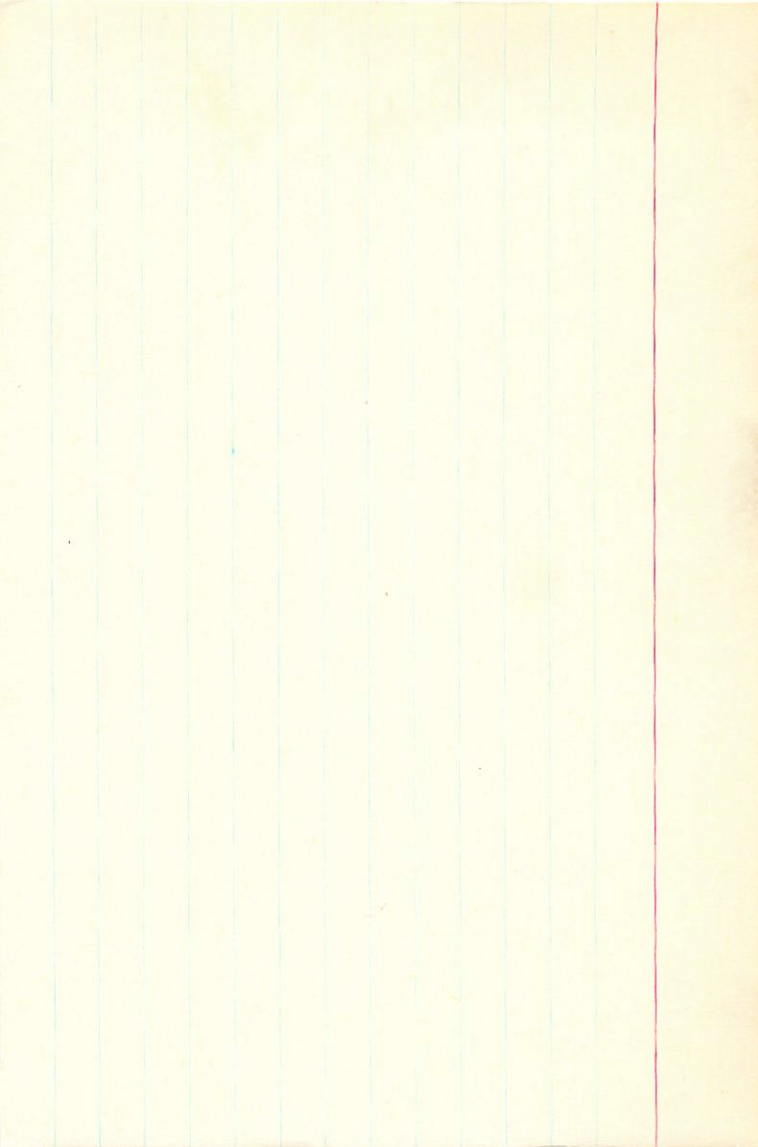
6108

26.46

30.5

$$\begin{array}{r} -2,66 \end{array}$$

30.9



221113

23 264 +22 46

+19.68 0(4)

6632664

6.45

HR14726

ESTD

499922

-043 -093 6-6

-40 12 -39 01

$$-16.3 \quad 987 \quad 398 \quad 922 \quad -043 \quad -283 \quad +19.6 \quad -036 \quad +18.407$$

$$-007-006 \quad -042 \quad -036 \quad 130 \quad -222 \quad +18.0 \quad +17.8 \quad -3.9$$

$$+32 \quad -25 \quad -33 \quad 01$$

$$[-40 + 2 - 39]$$

$$+45 \quad -45 \quad 005$$

$$+285 \quad -143 \quad 02$$

$$+26.5 \quad -18.0 \quad -19.5 \quad 015$$

$$[-22.6 + 6.4 - 30.2]$$

221115 23 26.6 +12 29 4.7 9 69 -14.8a-

32667

14727

+0039 73 +032 69 N30

+0039 ±1.3 +035 ±1.3 GC ⇒ N30

-14.2 (14)



221148 23 27 -4 48 -245

8524

10122 -233

~~10122~~

1824 -231.9

1215 (E)

3905

9877

9053

2882

Parlin