

8561

213087

22 26 16 465 01 80.577

5.46 +0.37

$\frac{6.17}{V_0}$ 3.45

1347 1022
+020 -060
-081 +018
2.56 ✓
-18
[~~1110~~]

$E(1.2) = +0.465$

8469

210539

22 10 40

+59 17.5

06+

5.14 + 25

9.2

10 3.455

(75)

-43

[~~44~~]

+049 -141

-021 -004 25.42

205 -05

B(1.2) + 0.365

other cup

8399

204339

21 59 55 +62 21 04TB

6.44 402

11.1

54.5 ON

-4
[420]

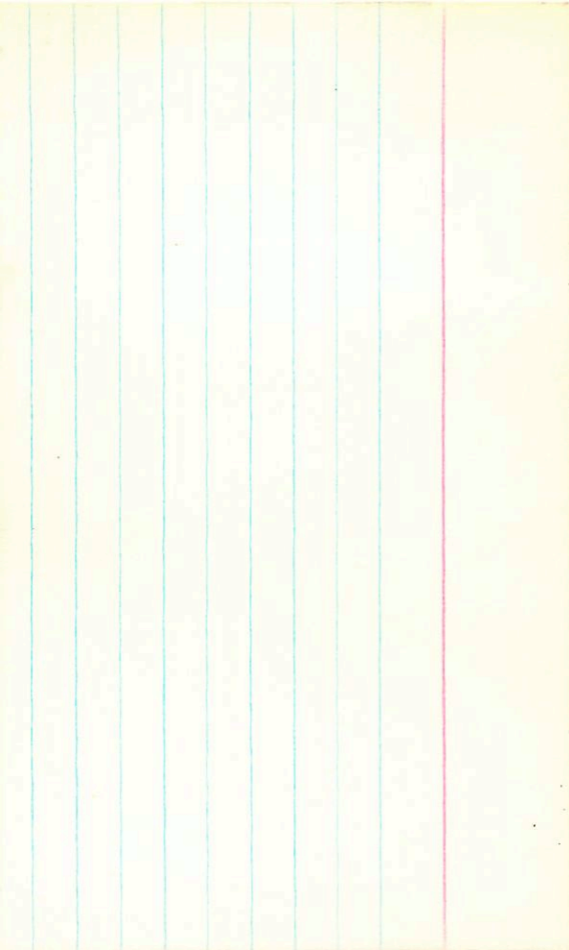
-7.25

~~1025~~ -046

1121 -014 -022 2.595

$E(6-y) = +0.205$

503



9375

23980e

1e

54

52

465

12

B2e

B-

5.99-06

128 (210):

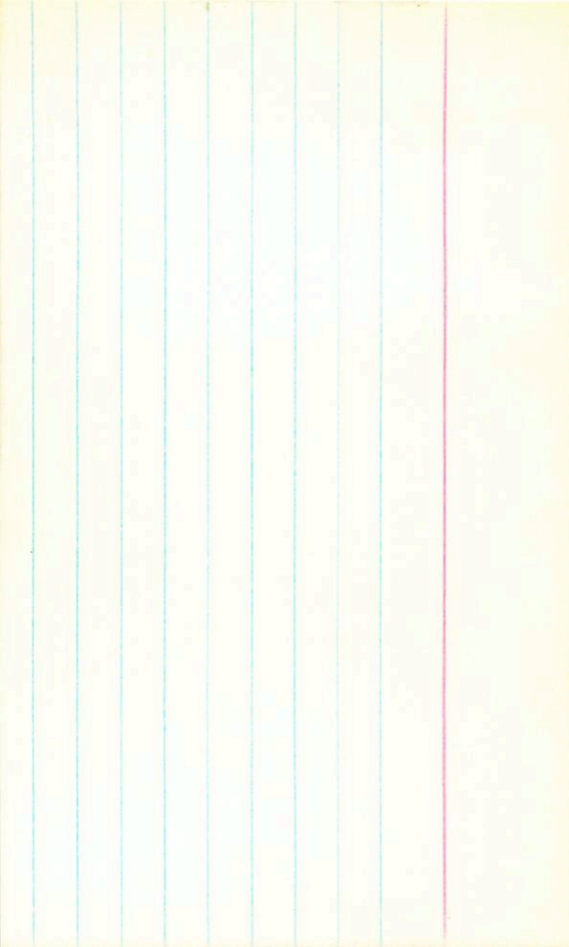
070

(100)

.016 .037 .121 2.626

B2.5De

E(1.4) + .12



83 29 21 44 12 +62 21 89 $\sqrt{11}$

207159

5.96 + 31

10 4.20

(15.6)

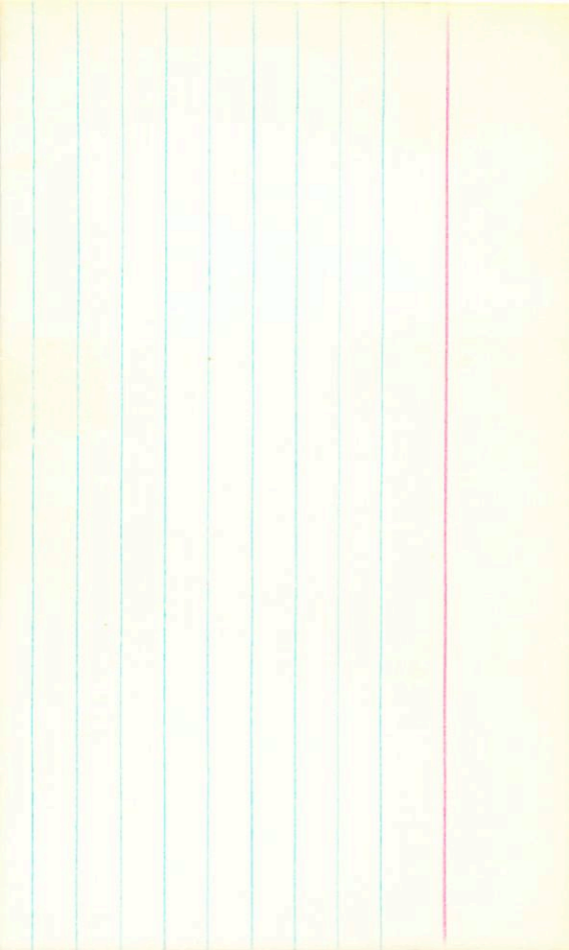
-6.4

~~108~~ -101 $\left[\begin{matrix} +35 \\ -0.21 \end{matrix} \right]$

.29 181 -0.16 -0.45 2.544

$E(1-2) = +0.41$

543



4281

21 38 11 +57 23 06

206267

5.62 + 21

SB 3.5^d

$v_0 = 4.15$

1050 + 101 [- 0.03]

206267 1050 + 101 [- 0.03] 685.7 850 - 620 - 912. 0.346

E(6-2)

8287	-0007	-0001	-7.8 ± 0.5	+345
8327	-0010	+0020	-19.4 ± 1.2	+0.41
8406	-0006	+0004	-7.5 ± 1.2	+2.50
8484	-0009	+0003	-12.8 ± 0.5	+2.25
8469	-0019	-0004	-7.0 ± 0.5	+2.65
8305	-0005	+0007	14.5 ± 1.2	(.12)
8379	-0005	+0002	-20.2 ± 1.2	+2.245
8561	-0008	+0002	-17.7 ± 1.2	+4.465

A0600

65

1337

0016 24 451 17 0911

6.13 - 13 - 98 62

60 5.7

75
6.25

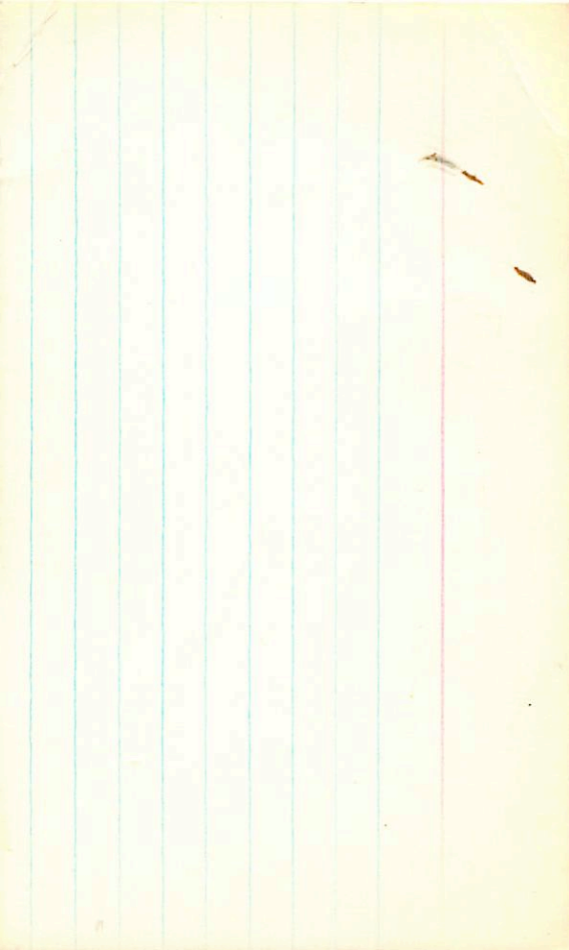
49
12

[-0.54]

7.6 031 -116

-024 039 -121 2.561

E(1.7y) = 10.105



6762

17 05 41

-21 26

BO.5IF

165516

6.29 + 12

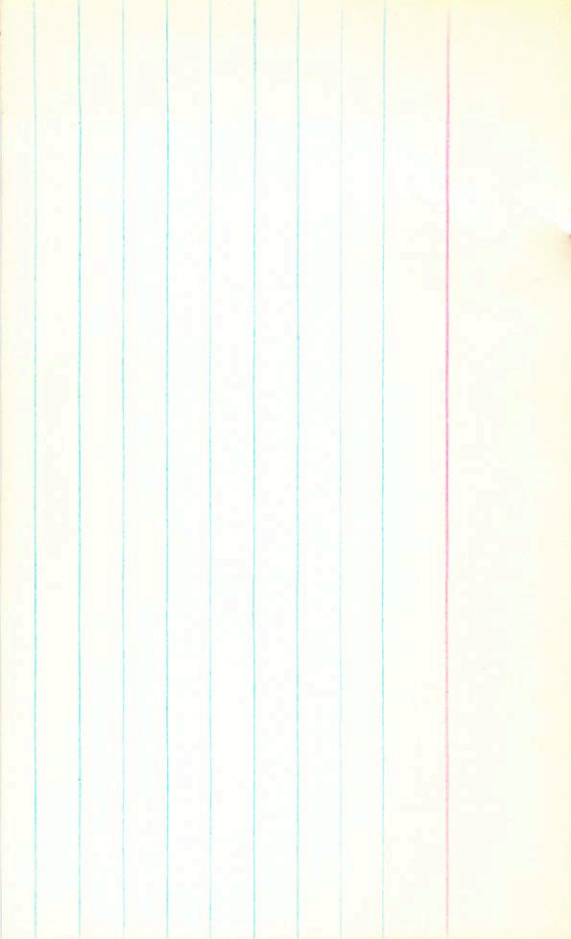
$$V_0 = \frac{5.15}{4.95} = 10.51$$

+086 -075 [003]

-4.95

.145 +010 -046 2.575

E(6y) = 40.270



2806 7 20 50 -8 56 05

57682

6.42-0.18-1.04 C 05

Find

1/2

+0.010 1230912

$V_0 = 6.1$

+081 -099 [-032]

-4.75

-055 1041 -110 2.584

$E(10.5) = +0.070$

8603 8 Dec

21416²

21 34 45 +39 31 012e

5.74-14 -50 *W*

6.45 -15 -42

6.45 = 5.45 - 2.55 9.3

= 6.00 -1.7 7.7

-2.85

[116]

14 +49 +021

A -036 +060 +13

B -056 +090 +107

118 +068 +117

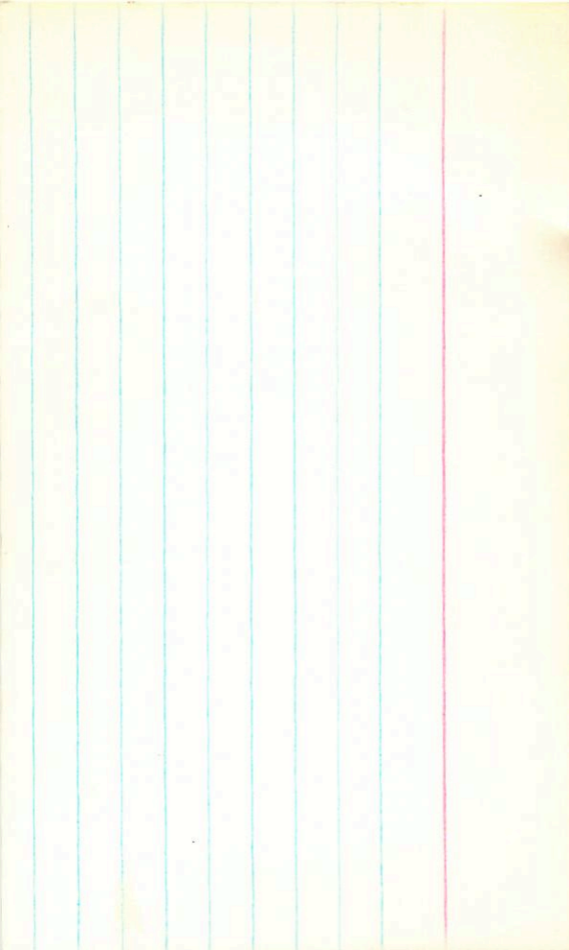
E(6mg) = +0.06

5.10 0.15 V

E(14) = +0.05

-1.7

0.254



9206

21 34 50 +49 57

828

Archit

629-05-55

SP (ds) ds Stems

755 565 on 755

1.8

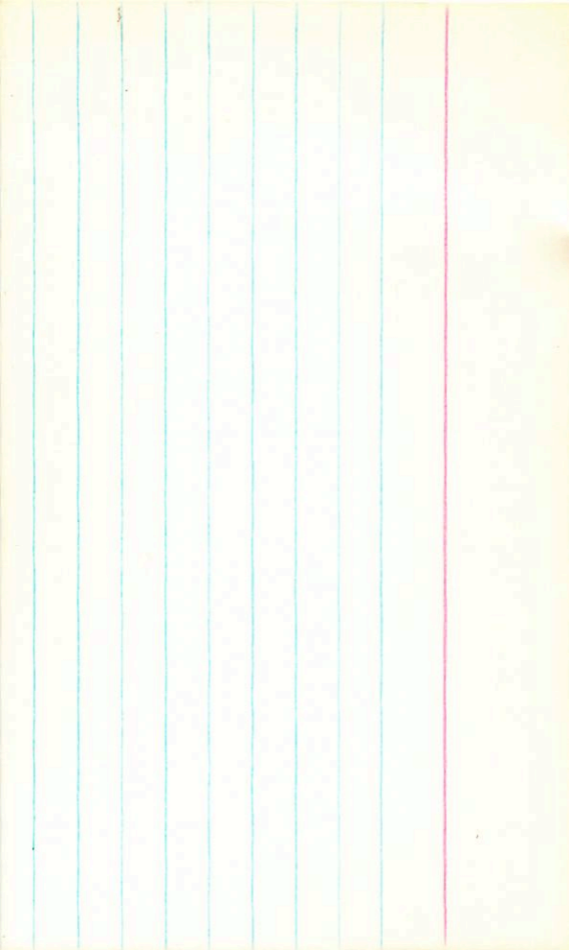
[543]

114 399

072

1006 .070 .400 2.678 828

560.04 = (P-115)



8427

209961

22

04

52

45

06

027

d

2-1

1.27-06

enc

918

528

2.47

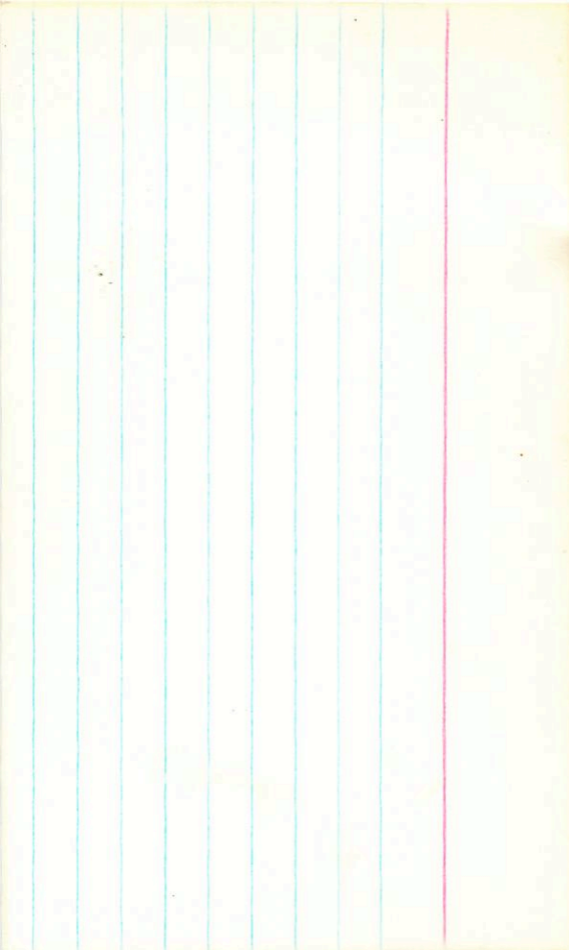
[304]

052 200

006, 0.50 201 2.638

511.105

511.105



8549

22 25 39 437 20 823

212883

6.45-13

6.2

(10)

-1.8

[313]

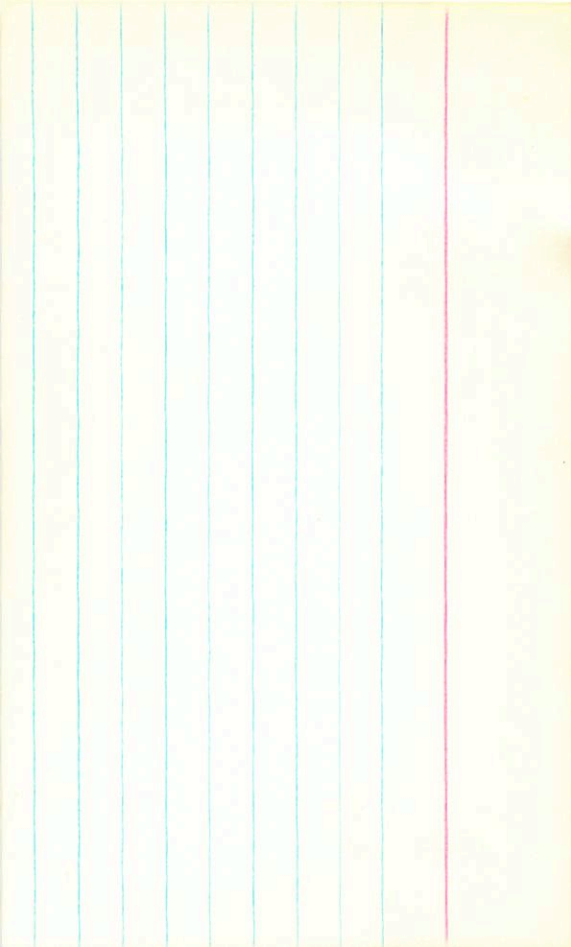
060 193

-039 072 185 2.659

+0.060

117

F(17)



8553

22 26 48 + 29 42 18 = 25

212978

86- 11- 41- 78

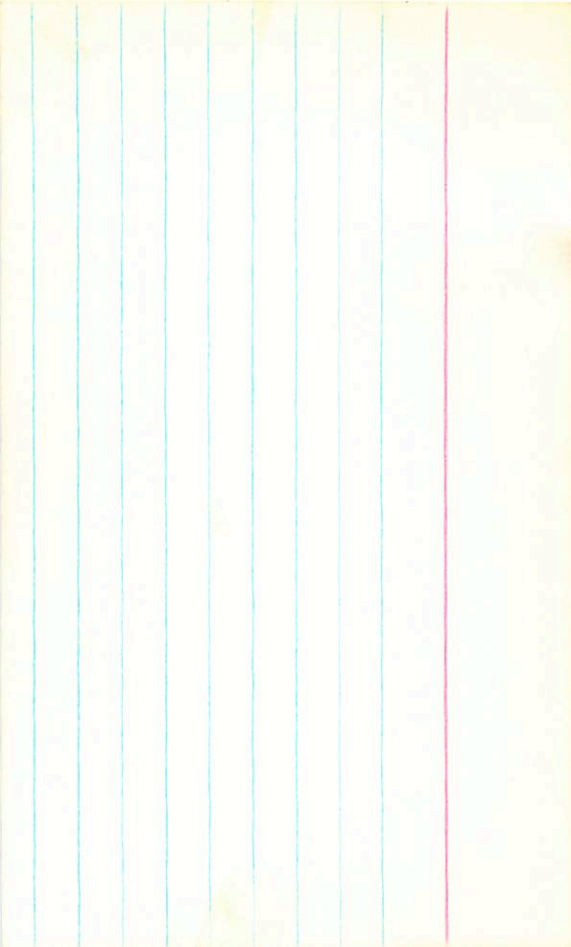
545

~~900~~

138 [314] - 225
176 961
064 690

Curve 991 450 050-

50+ = 180/5

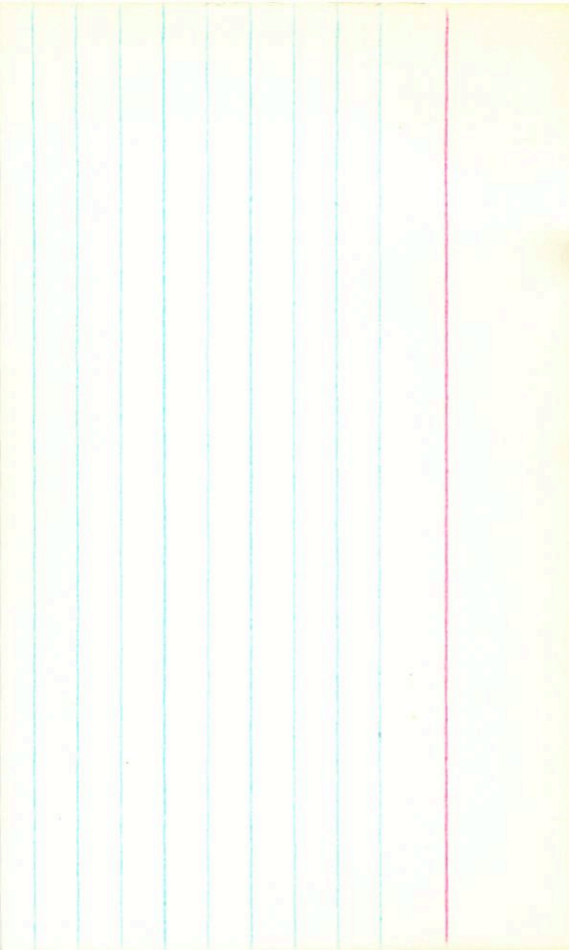


2658
2658

NOIAD + B

22 29 62 36

21220



9579 22 29 24 +48 01 8214

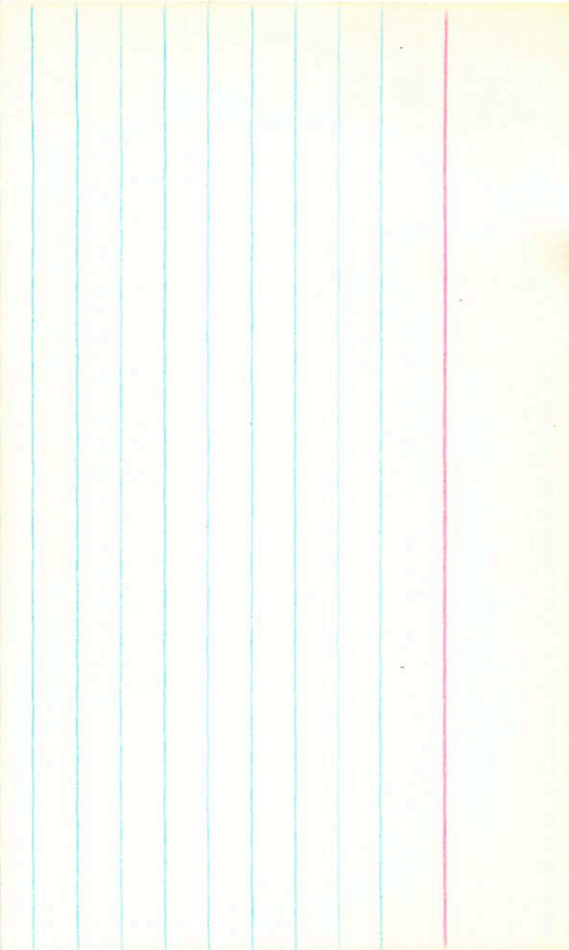
213426 4.53 -09 -73

VU A.1 7.1

105 195 [303] -3.0

054 450
Gene Feb 1950
-105 055 194 2.25

(E(6-4)) = +0.095



8622 10th
RC 98

214680

22 38 07 + 38 56 09 E

4.75 - 20

• $v_0 = 4.65$

(10.5)

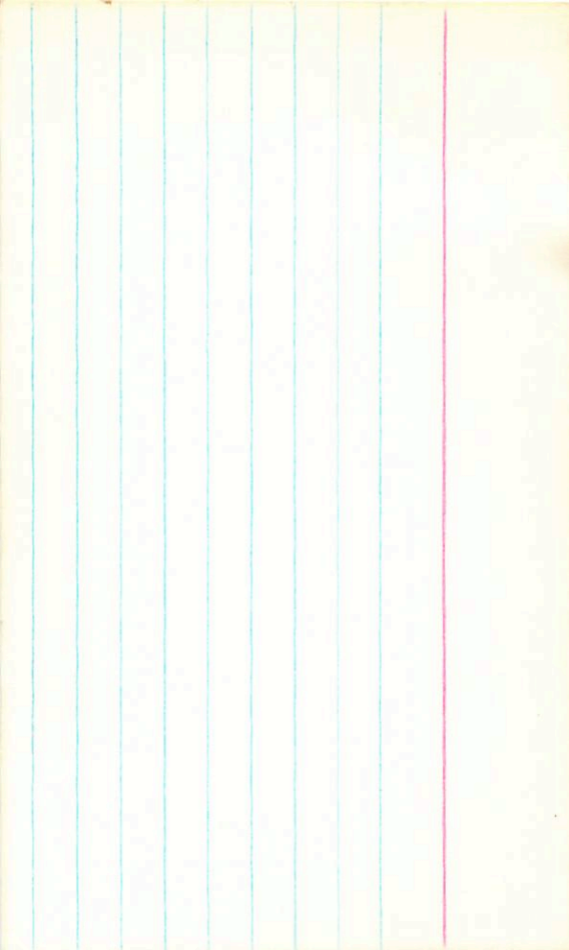
-5.75

$\Gamma_{-0.5}$

+0.21 -0.46

-0.70 +0.42 -1.10 2.560

$E(f, g) = +0.055$



8640

22 40 21 +40 06 B2 III

214993

5.26 - 14 - 87

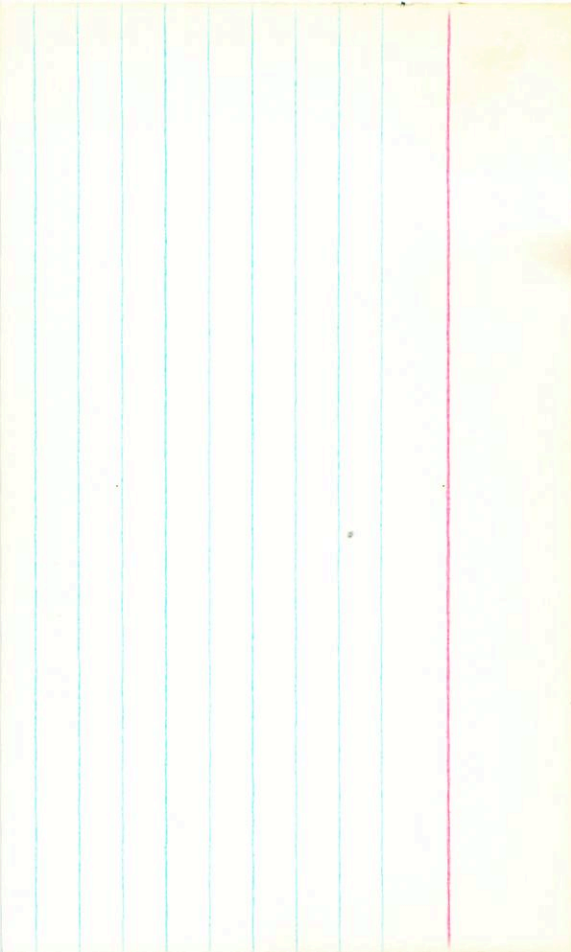
4.9

(90)

047 047 ⁹⁹ [143] -31

-032 057 041 2.613

$E(t-y) = +080$



8651

22 41 47

+37 41 014

215191

6043-12 -82

vo 6.05

(8.46)

[216]

129

064 088

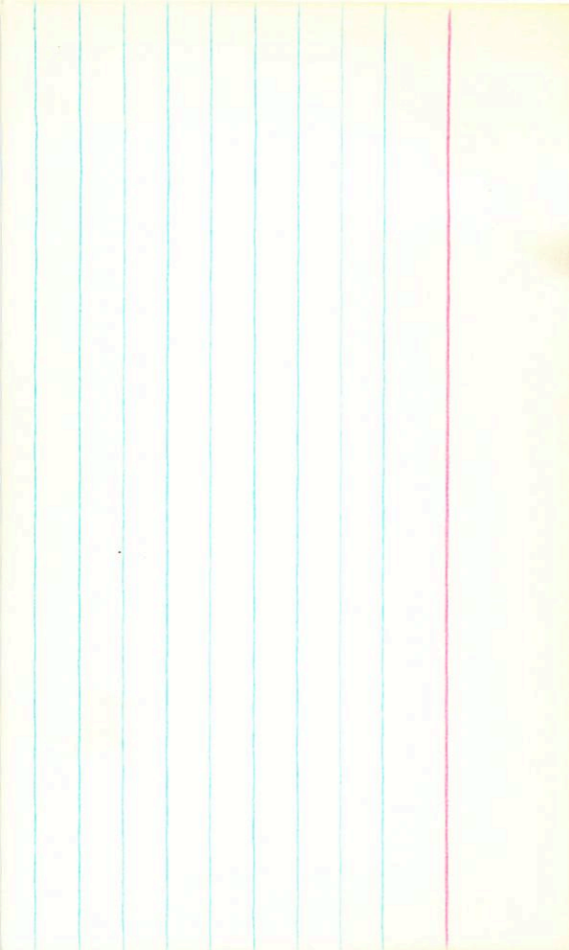
2.35

72

-124-071 083 2.637.

Ellen

+085



2698

22

49

41

45

RTV

21620

5.93 + 07 - 50

B4III

5.15

5.15

[194]

194

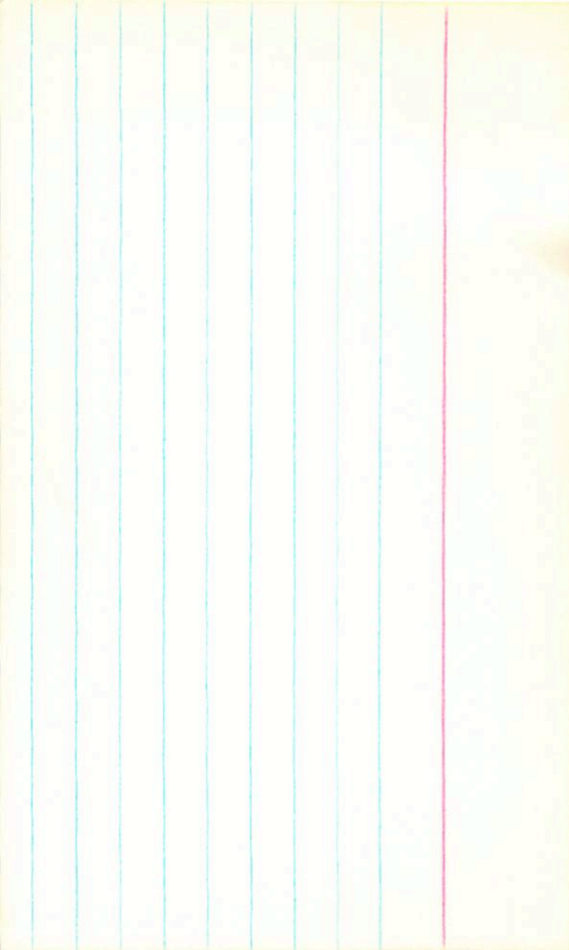
317

HEO 945

13.0

HEVE SEE HHO 250

81.04 = (2.1)B



9725

22 55 15 41 25 020

NIGHT

S.P.

5.41-5.10-5.4

5.35 7.56

VU

2.2

2.10

106 088

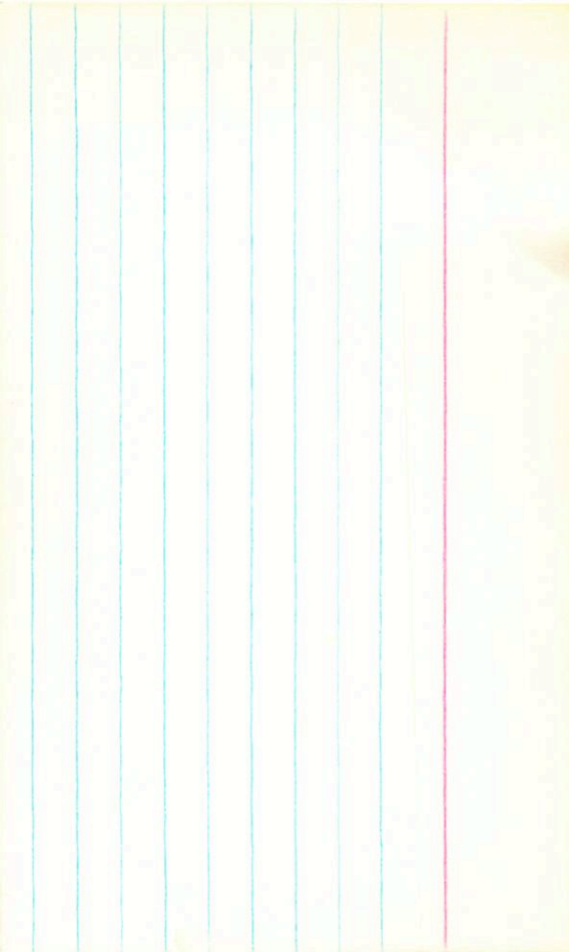
053

052-069 074 2.134

024

055

055



9735

22 56 31 + 25 10 8218 = 2

6418 - 16 - 80

V₀ 6418 7.55

[274]

164

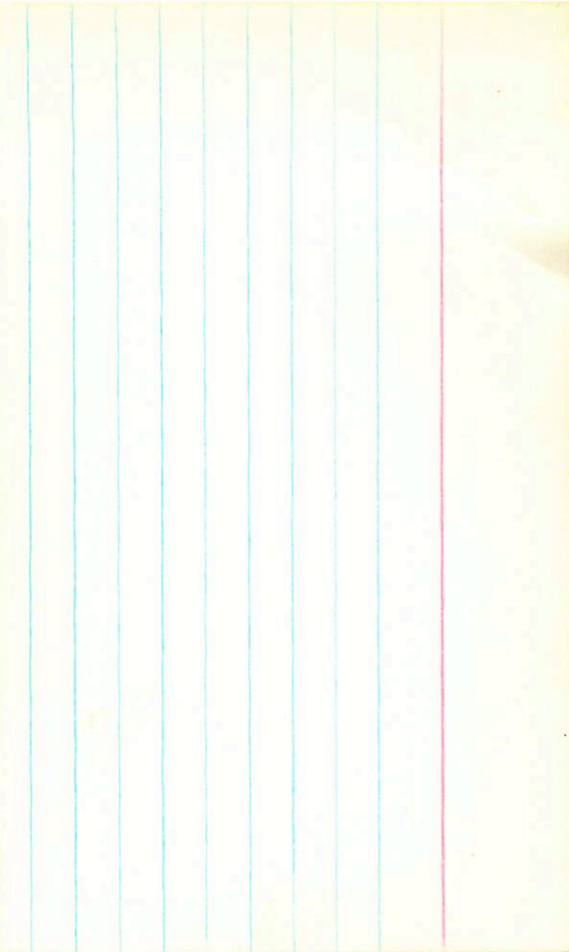
108

083

-1.55

103 102 095 2.663

BL (b.v.) + 0.045



8758

22 59 45 + 88 34 03

217543

6.53-12-69

6.25

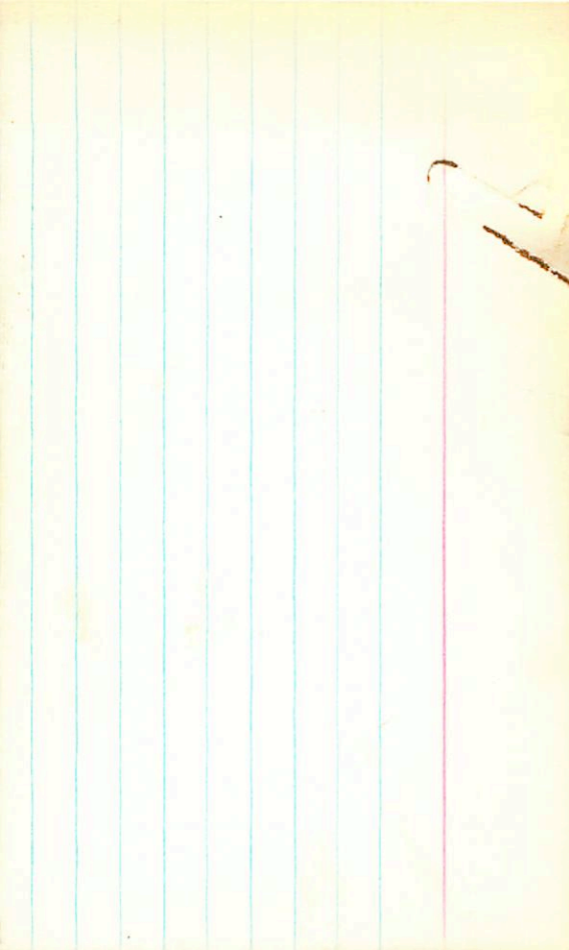
8.15

072 144 [397] 247

1.9

035 092 240 242

09045(F-913)



6716

164402

18

00

23

-22

47

8076

5.75 0.00

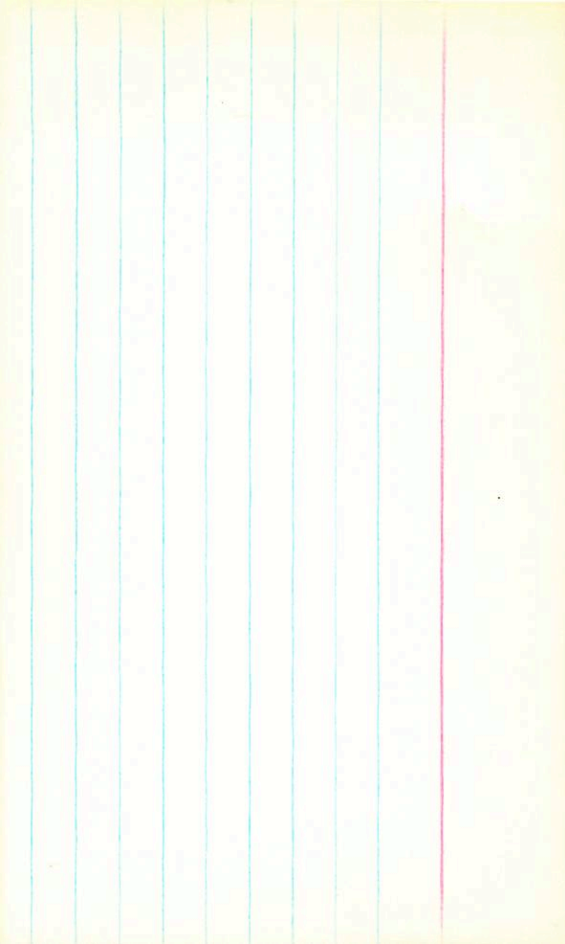
60029 -0033 -13.0

$V_0 = 4.9$

+020 -085 [5407]

074 +007 -070 2.585

$E(t-y) = +0.200$



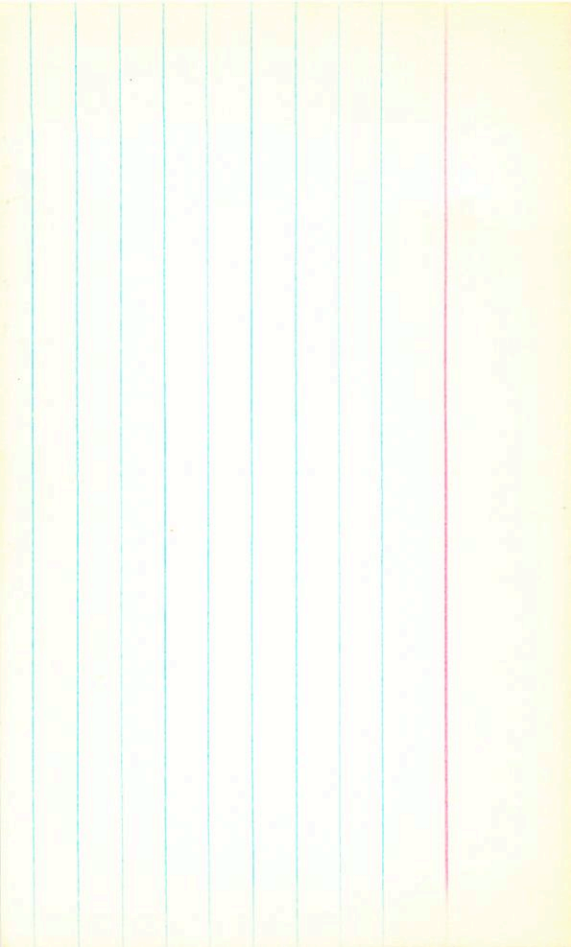
6727 18 01 30 -22 43 80.5 FH

164637 6.78 -09

$v_0 = 5.95$
 $\frac{4.65}{10.2}$

+030 -078 [-018]
+056 +:020 -067 2.592

-4.35
 $E(1.73) = +0170$



31.5 Top

6131

16 27

53

-46

10

B2Ia

148379

0.34; +0.56

var?

V_0 2.70
115

-8.6

000 -060 [-060]

.476 -086 .035 2.529

E (freq) +0.610

Leah Field +

152249
152335
152324

-0009 -0164
-0019 -0168
-0002 -0163

-24.1 ± 1.2 Var
-36.0 ± 2.5 ✓
-6.0 ± 2.5 Var

152270
152409
148379

+00004 -0128

32
-148
-14.2 ± 1.0

148688

+00007 -0105

-14.0 ± 1.2

149035

-00005 -0095

+7.9 ± 0.9 Var

149404

+00048 -0099

-48.0 ± 2.5 Var

150134⁶¹⁹⁷

+00117 -0009

+23.0 5.62 +0.16 -0.79 } NGC

150119⁶¹⁹⁷

+00224 -0002

+6.0 5.43 -0.02 -0.89 } 6193

152226

Var

0.75a +

6142

16

24

57

-41

45

812a

148688

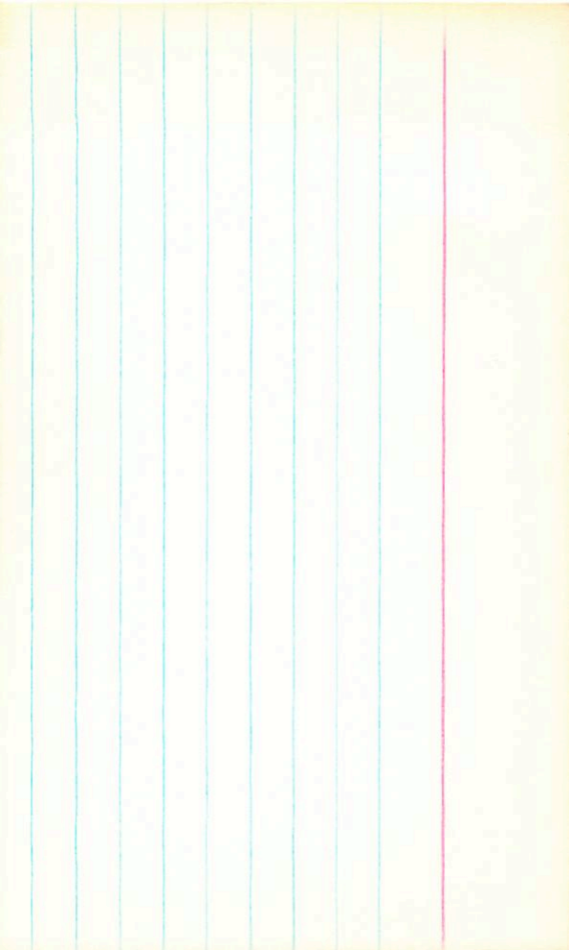
5.81 + 33

$$v_0 = \frac{3.25}{115}$$

-624 -0.64 k-mD

1.349 -0.60 -0.19 2.509

$$E(1.7) = +0.475$$



6155

149025

16

32

19

-43

59

R0 I6

NC-66164

4.87 + 1.0

+7.0

$v_0 = 3.75$

1.5

2.75

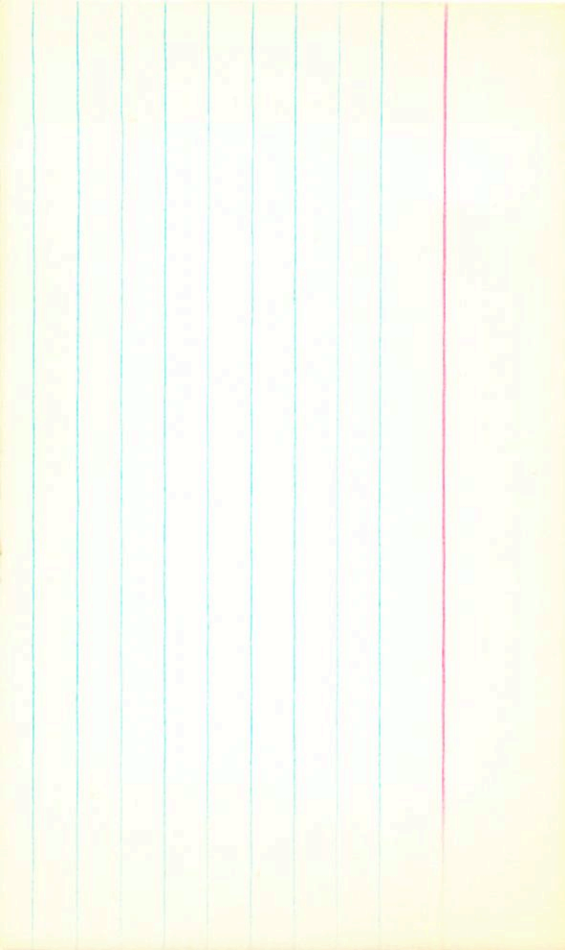
+0.12 -100

-0.76

.130

-0.11 -0.74 2.55

$E(b, g) = +0.26$



6786

18 62 21 -24 22 05

164794

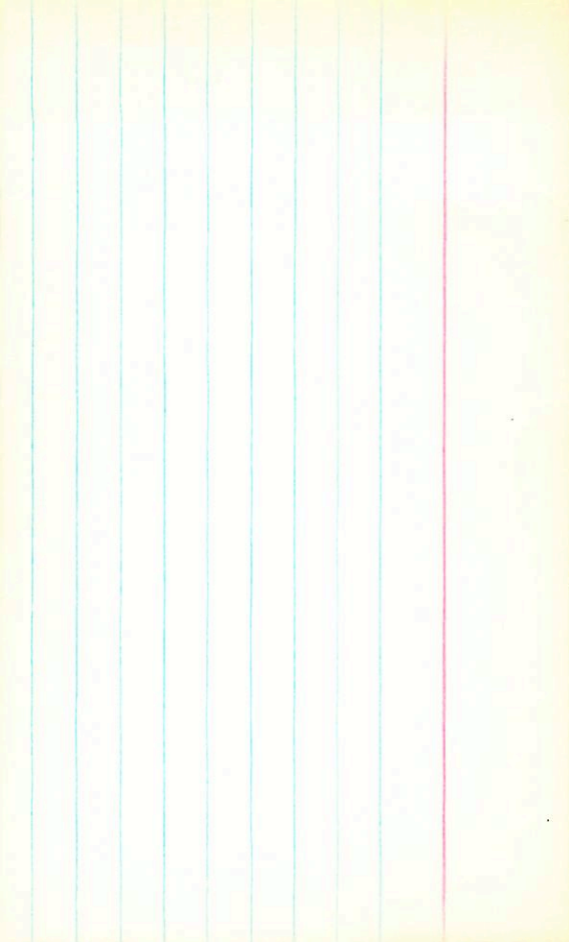
5.57+03

$V_0 = 5.0$

885.2
-141-810+
-172-800+
150.

2501

$E(t,y) = 0.225$



4672
16298

17 53 21 -24 52 08

6.20 +04

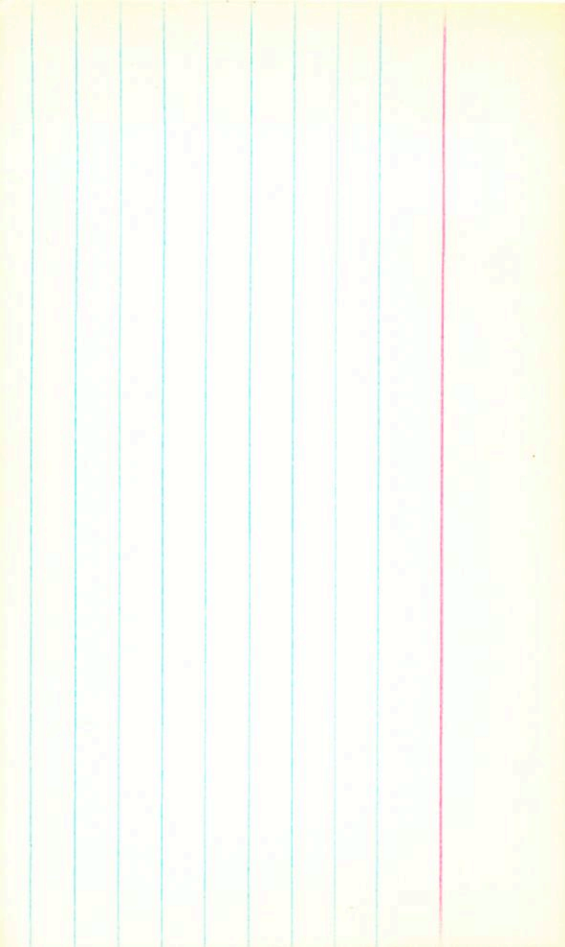
50004 0050 -110

$$V_0 = 5.2$$

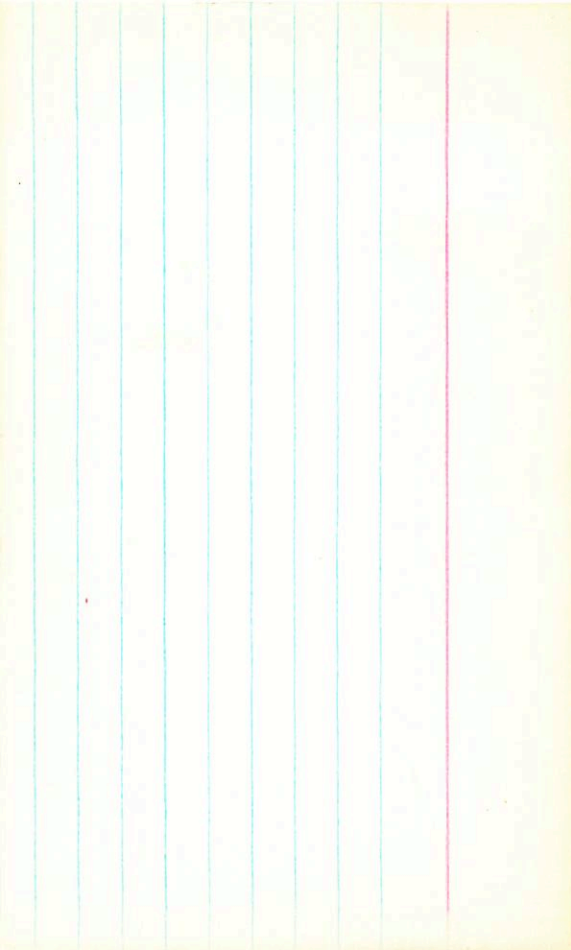
100-126 [100-]

101 +008-106 2.576 E(1-y) +0.030

1859 27
NLC 653/



	V_0	Balling	m	sp	[$n-1$]
7589	8.05	+0.135	-4.6	09.5 $\overline{11}$	-0.07
7591					
7600	5.95	+0.105	$\begin{matrix} -3.4 \\ (-3.75) \end{matrix}$	00.5 $\overline{11}$	+0.76
7763 (P ₁)	2.75	+0.485	-6.4	B _p	-0.96
7767	4.7	+0.065	$\begin{matrix} (-4.4) \\ -4.95 \end{matrix}$	09	+0.08
7777	6.90 ^{dot}	+0.070	$\begin{matrix} -3.75 \\ (-3.95) \end{matrix}$	82 \overline{V}	+3.69
7977	2.85	+0.465	$\begin{matrix} -4.8 \\ (-6.25) \end{matrix}$	B3I \overline{a}	+0.79
8023	4.95	+0.025	$\begin{matrix} -4.7 \\ (-5.1) \end{matrix}$	06	-0.52
8047 ^{v₃₂ 1/2}	3.75	+0.185	-5.9	B1 \overline{V}	-0.97
8105	6.05	+0.11	-3.6	B0.5 \overline{V}	+0.56
			$\overline{9.65}$		



7574

100881

19 51 15 31 + 18 37 088

10422707

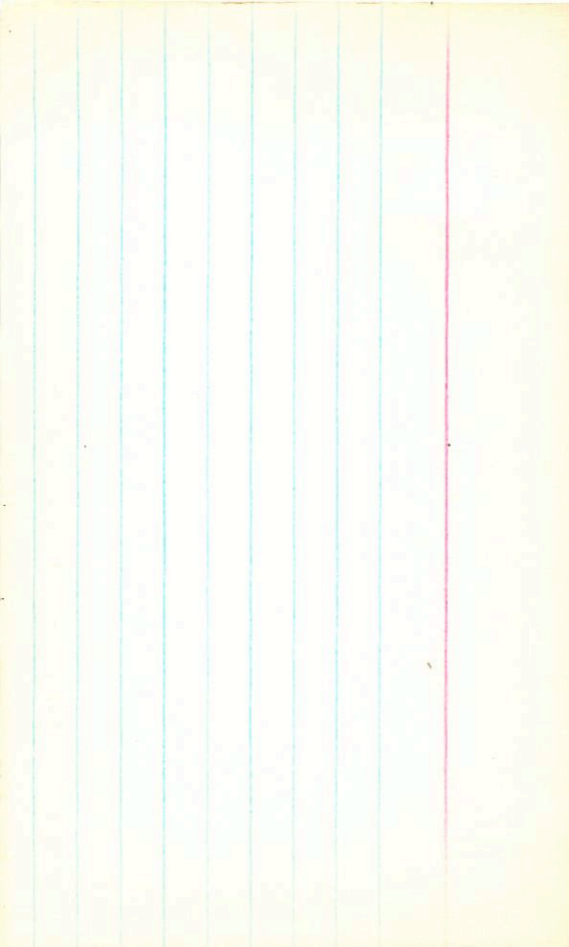
10 5.36

1002-104 19.4

100-104 19.4

100-104 19.4

1069.026 2.519



5664 2hr

135240 15 14 55 -60 52 09B

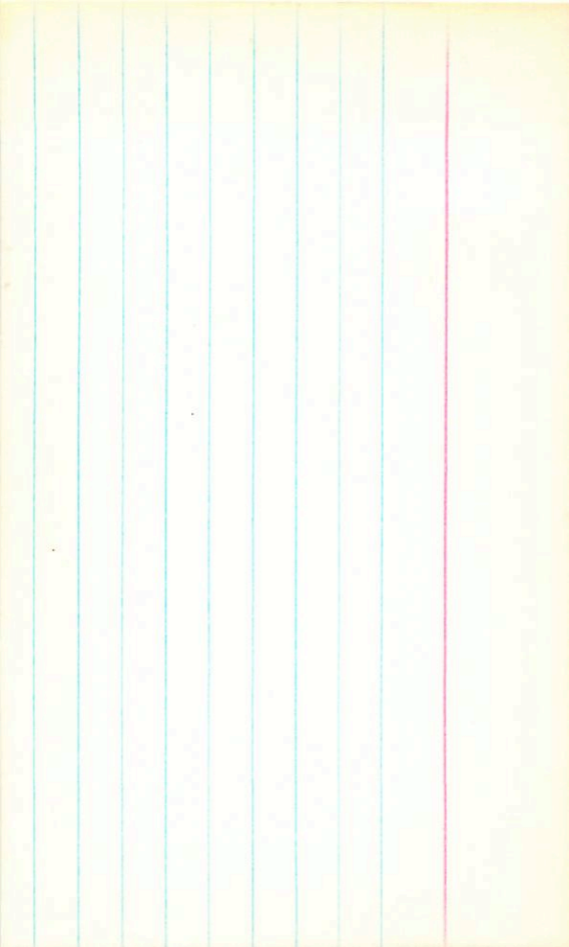
5.08-06

$V_0 = 4.46$

SB 3.9 Eddying
Corridor

+032 -107 [-043]
.017 +029 -104 2.575

-5.2 E(8.7) = 7.145



13510

5661

+029 -041 [1017]
-012 +027 -039 2.605

30.5

P-9

-3.65 E(1.4) + 1.35 V₀ = 5.15

5664 135240 -00025

5680 135591 +00059

5641 135160 -00010

~~-00083~~

~~-00021~~

~~-00005~~

P

+9.2 out

+7.0 ~~in~~

+~~1~~

5.9 -1

5680 15 16 48 -60 24 0918

135591

542-09

V_0 4.90

1032 -117 [-053]

$0.08 + 0.31 - 116 \cdot 2.578 - 5.6! \text{ E}(0-7) = +140$

6215 Clark

152278 16 51 34 41 46 WC7408

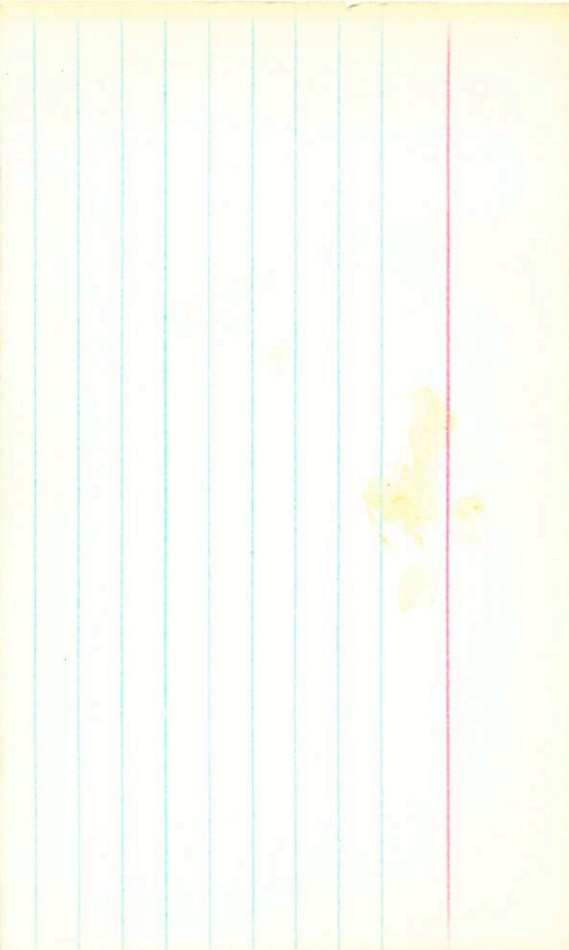
621730

Summer

3.15
3.10

x

0774 1.676 -799 2.486



3214

09

68450

8

10 06

-37

14

0077

6.44-03

VO 5.55

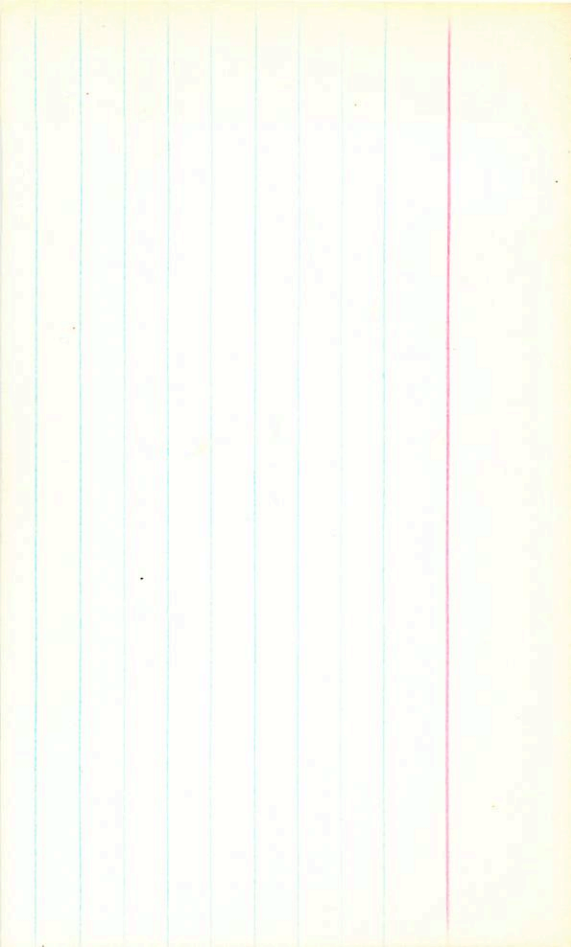
-5.5-

$\left[\begin{matrix} 1032 \\ 1019 \end{matrix} \right] \left[\begin{matrix} -102 \\ -025 \end{matrix} \right]$

955.2 (880-810)

+ 1075

Σ net (bu.) 3



NGC

42

$$E(B-V) = +0.46$$

2244

.33

	v_{in}				v_{out}	$(n-n_0)$	$[U-T]$
#2	6.72	+0.13	-0.82	06	5.45	-1.15	-0.157
4	7.56	+0.17	-0.78	05	6.28	-1.11	
7	8.19	+0.19	-0.76	08	6.9	-1.09	
3	7.25	+0.22	-0.76	05	5.95	-1.09	
6AB	8.17	+0.17	-0.74	09	6.9	-1.07	
#5	7.90	+0.14	-0.74	B95 V	6.6	-1.07	
8	8.54	+0.17	-0.71	B9K	7.25	-1.04	

3

	Teacher	Fridy	♀
	M ₁	M ₂	
2432	-0006	-0006	+36!
2467	0000	+001	+81
2422	-0004	+0004	+05.4
2474	-0003	+0003	+37.5

↑ M₁ 0000 + 0006 - 0004 + 35

↳ Center and Margins

↑ My Revision

20 cm

NGC

4755 ~~578+86~~

4874 5.73+36 A Ia

4897 5.74+32 B5 Ia

4890 5.90+24 B2 Ia $[+0.2] [1.33] [2.55] [2.55] 2.55 -5.4$ $\begin{matrix} 8(1.2) \\ +3.4 \end{matrix}$ $v_0 = 4.20$

HD

M2

M2

P

4874 111613

4887 11904

490 111973

4905 112244

4952 113984

-00227

-00095

-00101

-0008

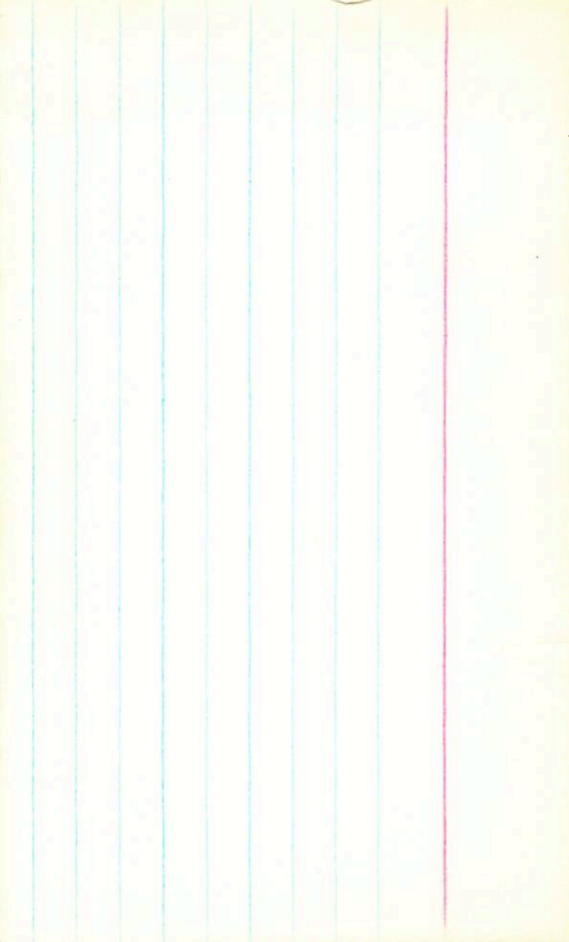
-002

+005

-3.6

+28

-28.7



3 Apr Van Valseburg

6175 16 35 47 -10 31 09.5^h

144757

2.57 4001 0.86 ✓

Back to back out con

" " +0006 +022 -10.7

VO 1.65

9.95

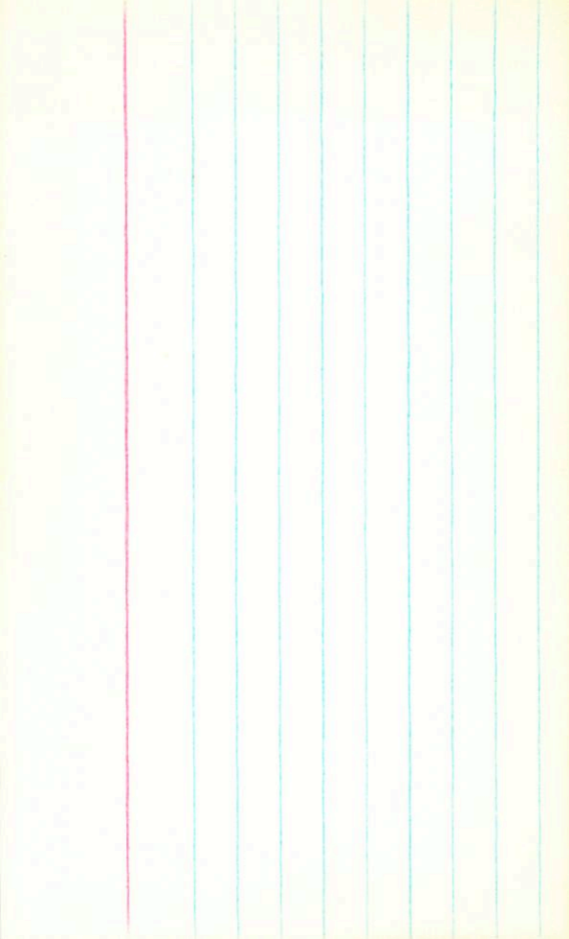
6.6

+027 -016 [-024]

+085 +012 -061 2.578

-4.9 ✓

Ell. 2) = +0.210



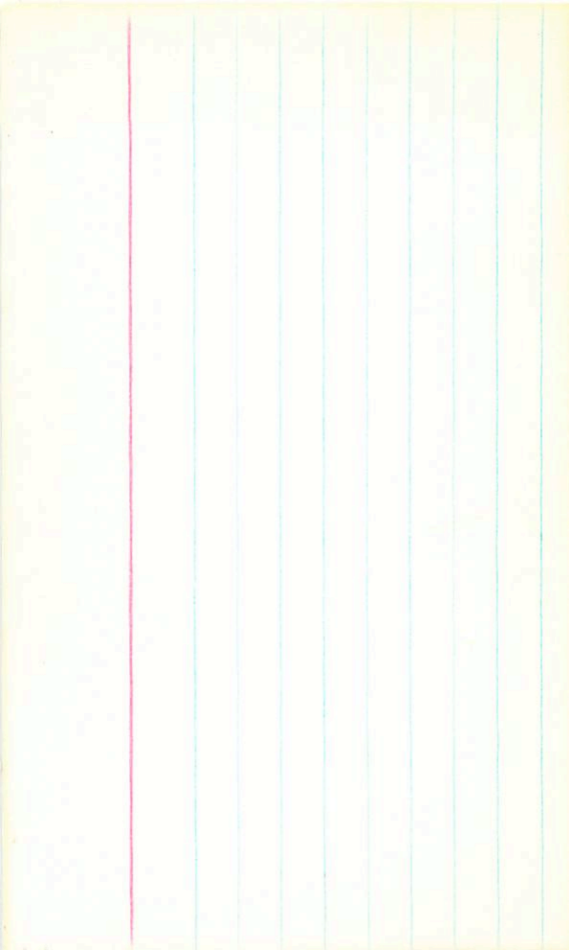
Plan

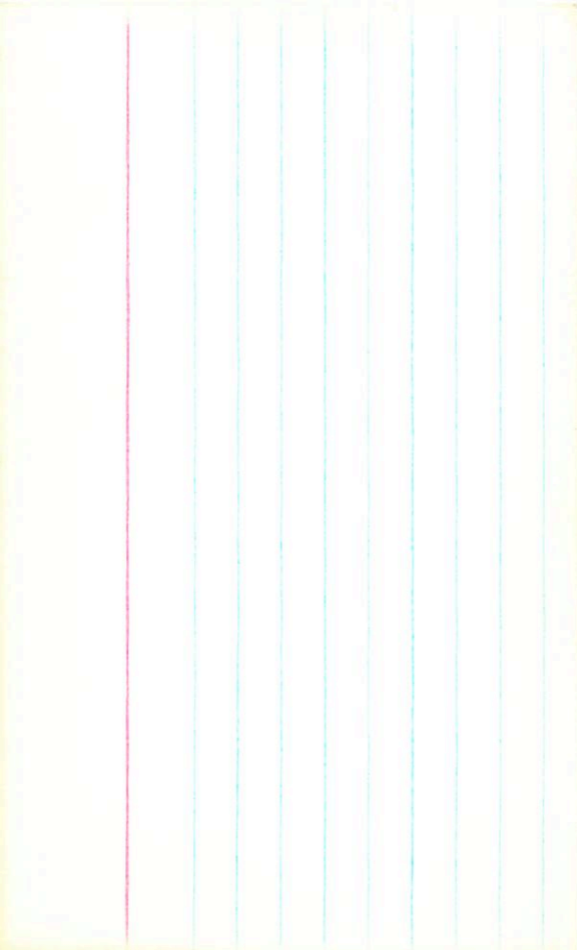
10 42 03

24 16 05.50

9303D

IV2L02





Q Mm

118504

13 06 30 -45 10

DOT W C L
SIS

15m=2.2

4552

550-02

6164

149404

16

34

36

-42

48

09

$$5.46 + 40$$

$$V_0 = 3.45$$

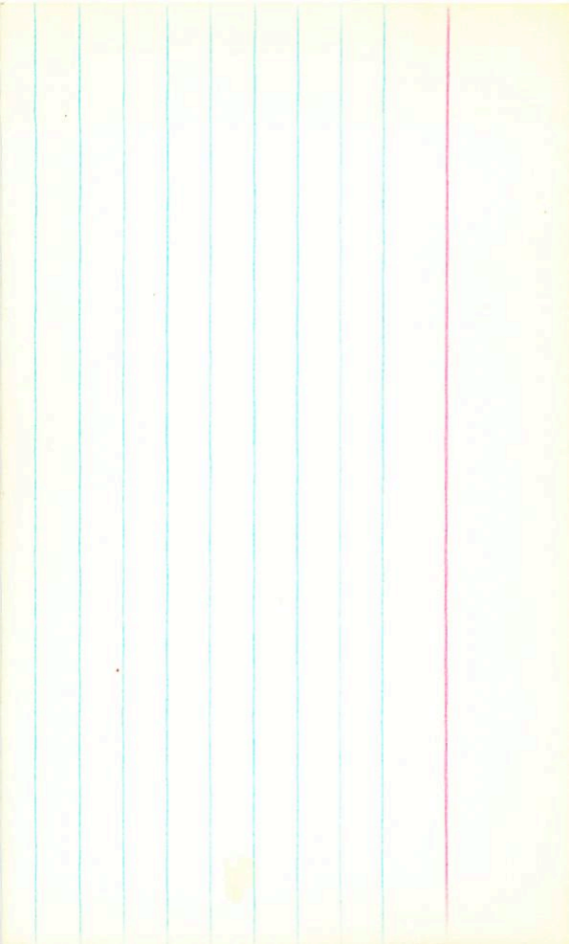
11.71

$$4050 - 123 \quad [-22]$$

$$231 - 010 - 107 \quad 2.516$$

$$E(1-2) = +.465$$

09 Ia



10666192

Clear the 001

6197

16 39 28 -48 HB

07

whitebook

07

150126

$r_0 = \frac{425}{5MS}$

gen 10 { 5.62 + 0.16 - 0.79 whitebook

150135 B 6.99 + 0.17 - 0.80

150029 ⁵¹⁷ ₅₁₇ + 6.99 + 0.17 - 0.80

150168

150017 - 0.008 + 23.019

150136

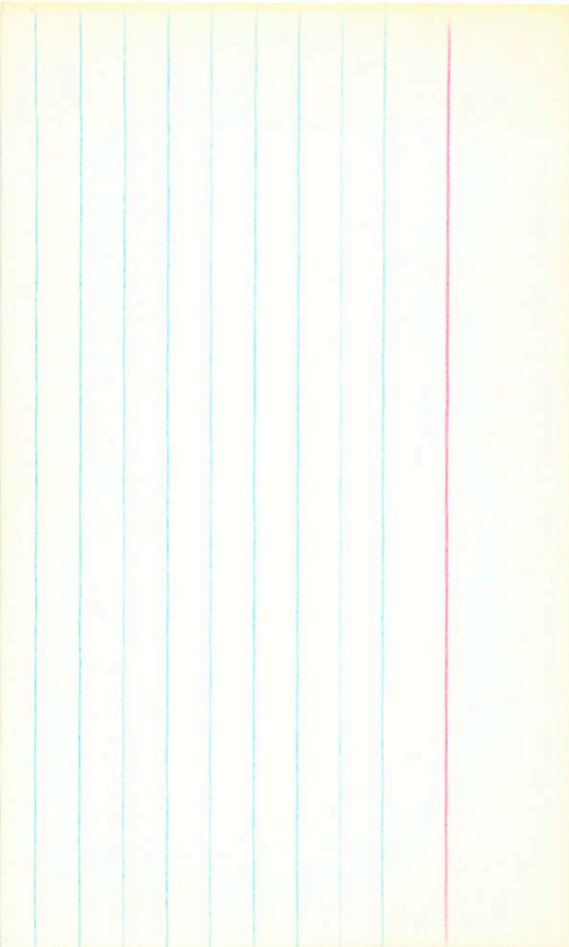
150284 ⁵⁵ ₅₅ - 0.001

150135

-39.0 ± 4

1000
-0004

150.



6119 17 39 46 -49 36 B1 II

150169

563 -0.02 -0.87 Whitcomb

Whitcomb

10.5
mch.

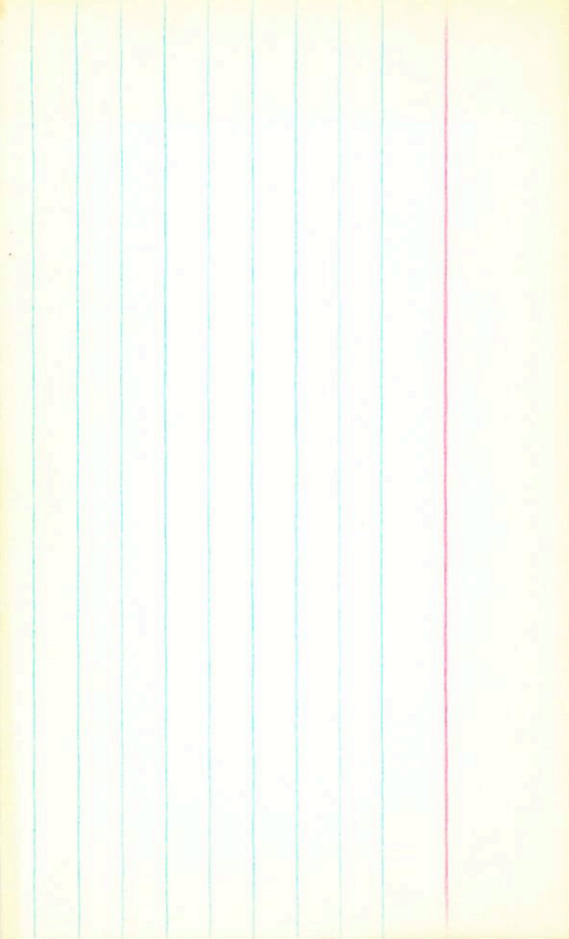
$V_0 = 47.05$

-5.4
 $\frac{1}{9.45}$

+007 -031 [-012]
+067 -005 -018 2.565

-5.4

E(4.4) = +3.75



129	083	114	990		
6.02	0.271	0.868	2.686	-2.75	E(+3.1) 47 245
5.00	0.42	118	2536	-6.1	E(+3.3) 4.6 10.7
5.16	0.39	096	104	-5.1	E(+4.0) 3.75 9.15

3527

75821

8

51

58

-46

26

Bo 7D

5.09 - 22

47.7 van dvl?

VO 4.85

9.05

-9.2

[+0427]

[-069]

[+019]

-072 +057 -083 2.590

E(1.9) = 10.055

3654

0376

9 10 10 -44 46

79186

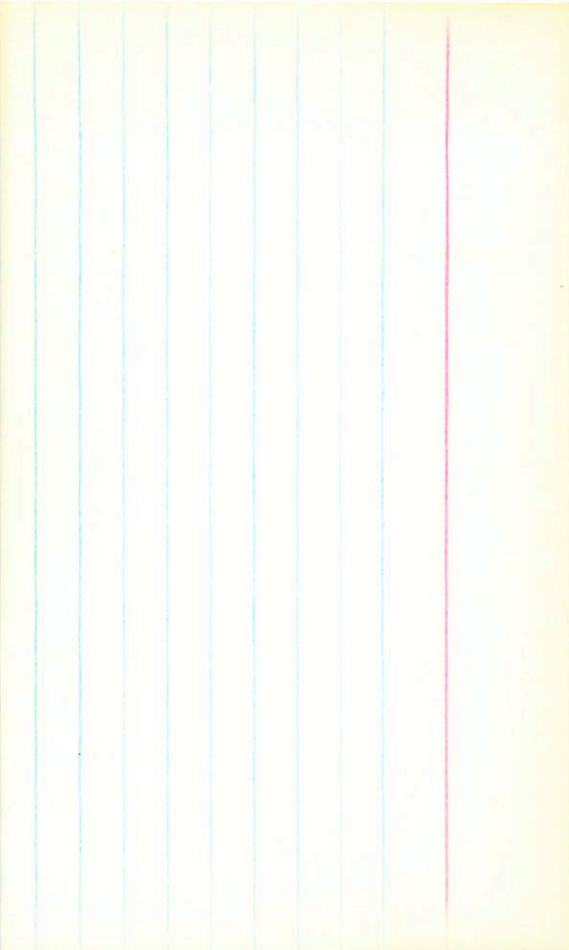
5.00 + 0.22

$V_0 = 4.6$

$\frac{6.1}{10.7}$

042 118 [202]

222 1002 162 2.536 -6.1 $E(0.7) = +83$



3525

75759

9

49 26

-42 00

B2

5.48 -10

+23.4 arbit

VO 5.45

Wellman Otype 097-1097

M.N. 134, 101

33.3

FR4 + M₂ M₃

42.70 75759^s -00087 -0048

42.34 75821 -10048 -0006

4.20
-4.0
-10.20

330
3301 74186

±1002]

-4.0

+061 -120

-010 +063 -122 2.598

B(6-y) = +1.220

79186

ZLMA SB 15-9.8

2782

7

17 41

-24 55-

05 III

57061

MF0202

4.40: -0.16 -1.00 05 III <

+48 Orbit



#36 identical to 109 in 2264

(both orbits 19, 48)

vo 4.05
 $\frac{1}{4.00}$

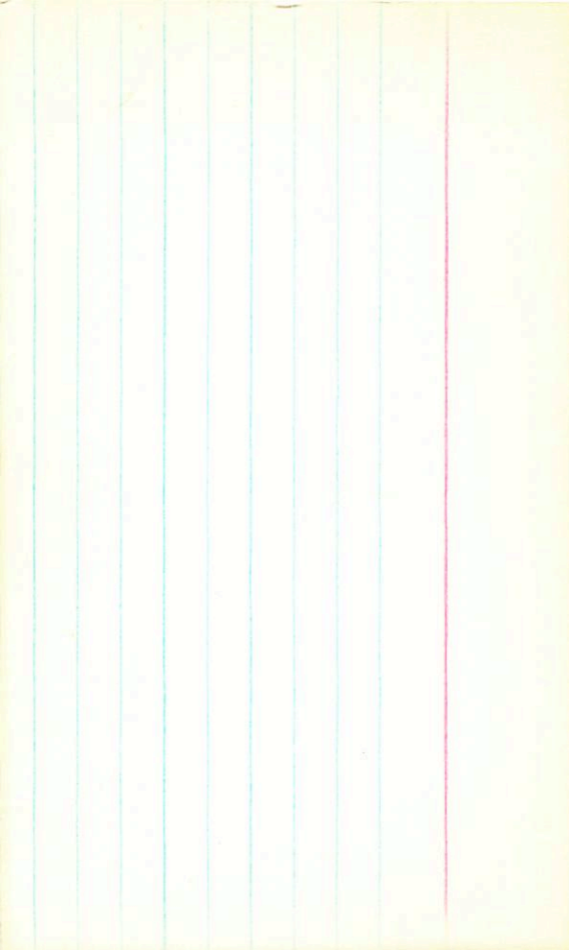
[+0.02] [-110] [-0.16]

-046 7054 -120 2.564

-5.41

E (6.4) +0.80

~~10.5~~



d
4.4

2281
57060

7 17 38 -24 32 07+

11.9

Flc4t 4.9Var -14 -1.01 C 085+085

5 -005

87060 $\frac{5}{-00039} +0059$

61 -00084 +0013

-011

4.55
 $\frac{4.55}{0.530}$

-1 orbit

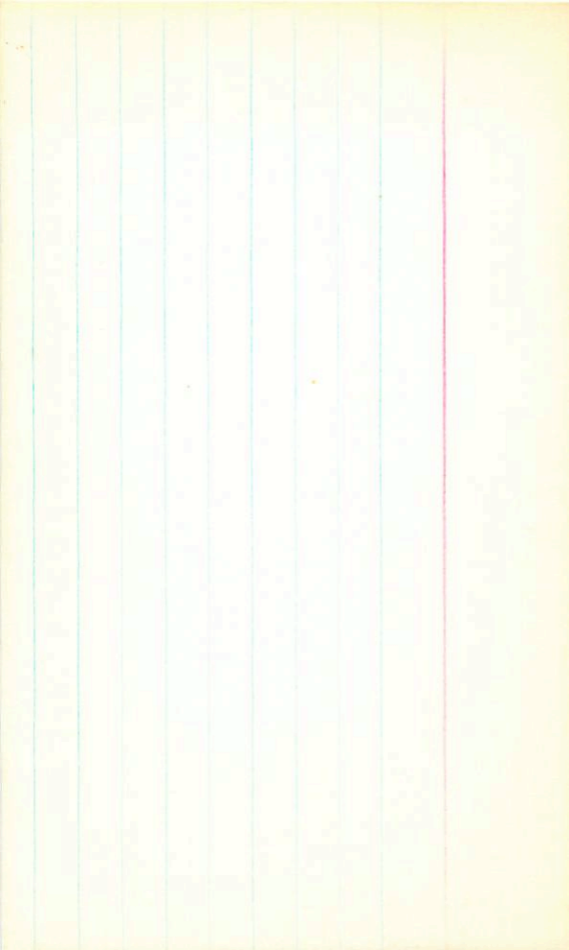
ok

[+098] -195 [-019]

~~-6.9~~

-054 +098 -184 2.530

$E(1000) = 10.080$

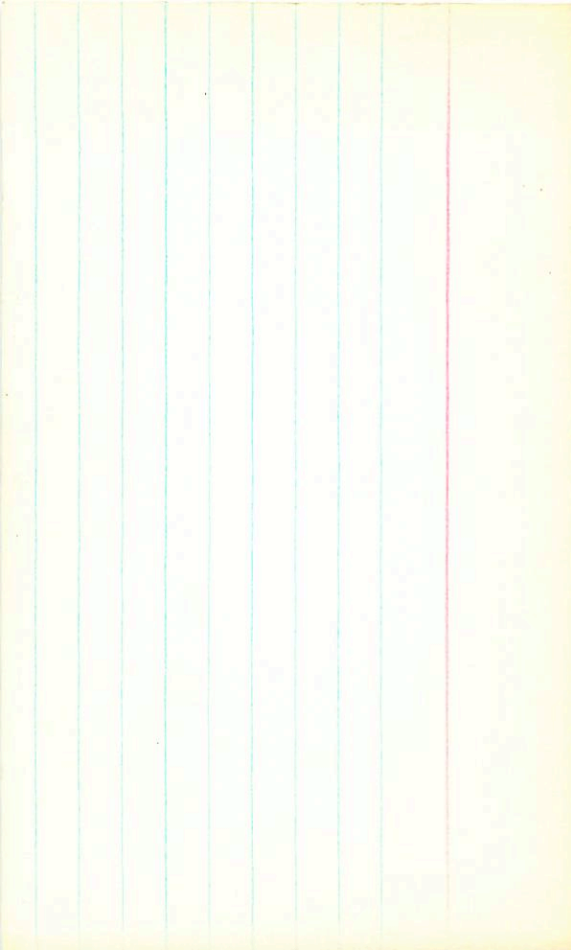


III 28 25 44 22 15 91

1656

158881

7



slow
1542

30614

4 51 33 +44 18

1502
N600

4.29 +02 -90 W

$V_0 = 3.4$

1/2

038 -126 $\sqrt{-050}$

$5(6.7) = +0.21$

'080 +014 -110 2530 09.572

M Sp

110d

LS12

18 12 16

-21 04 B9I up

146537

380+24

75
40 2.55
9.30

18.40

MV

071

226

[200]

-7.1

.204 .034 .267 2.504

228

E(16-7) = 0.8m

