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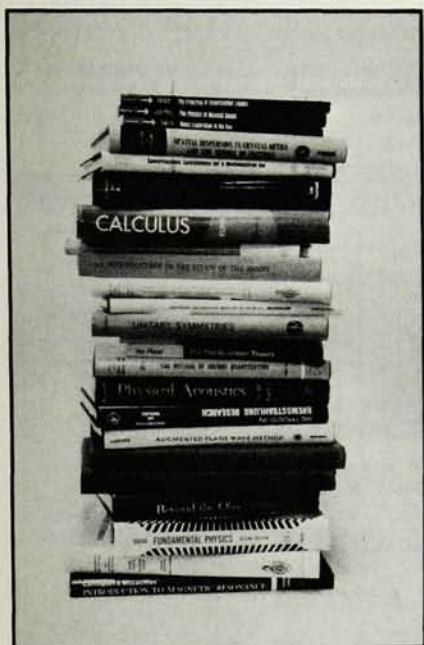
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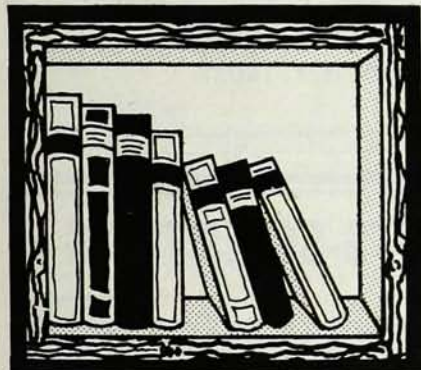
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Exercises in Mathematics. By J. Bass. Trans. by Scripta Technica. 459 pp. Academic Press, New York, 1966. \$14.75

POPULARIZATIONS

Beyond the Observatory. By Harlow Shapley. 222 pp. Scribner's, New York, 1967. \$4.50

The New Age in Physics. (Second edition) By Sir Harrie Massey. 386 pp. Basic Books, New York, 1967. \$10.00

Manhattan Project: The Untold Story of the Making of the Atomic Bomb. By Stepane Groueff. 372 pp. Little, Brown, Boston, 1967. \$6.95

MISCELLANEOUS

Symmetries and Reflections: Scientific Essays. By Eugene P. Wigner. 280 pp. Indiana U. Press, Bloomington Ind. 1967. \$7.50

Continuing Numerical Data Projects: A Survey and Analysis. (Second edition) 203 pp. National Academy of Sciences—National Research Council, Washington D. C., 1966. \$5.00

The Organization of Inquiry. By Gordon Tullock. 232 pp. Duke U. Press, Durham, N. C., 1966. \$5.50

Information: A Scientific American Book. 218 pp. W. H. Freeman, San Francisco, 1966. Cloth \$5.00, paper \$2.50

Reports on Progress in Physics. Vol. 29, in two parts. A. C. Stickland, ed. 766 pp. The Institute of Physics and The Physical Society, London, 1966. £5, 5s, each part

A CORRECTION: *Weak Interactions and Nuclear Beta Decay*, by H. F. Schopper, was published by North-Holland, Amsterdam. *Semiconductor Surfaces*, by A. Manny, Y. Goldstein, N. B. Grover, was also published by North-Holland, Amsterdam, and is distributed by Interscience, New York. Both books, reviewed in the February issue, were incorrectly attributed to Interscience. □

TABLE II

SPECIAL PLANE REFLECTANCE GRATINGS - 290A - 36A

Grating	Order	Wavelength (nm)	Efficiency (%)	Order	Wavelength (nm)	Efficiency (%)
1	1	290	100	1	360	100
2	2	290	100	2	360	100
3	3	290	100	3	360	100
4	4	290	100	4	360	100
5	5	290	100	5	360	100
6	6	290	100	6	360	100
7	7	290	100	7	360	100
8	8	290	100	8	360	100
9	9	290	100	9	360	100
10	10	290	100	10	360	100

These gratings are available as the result of special requests by customers. The gratings shown are more limited than the Standard Plane Reflectance Gratings. Both Standard and Special Plane Reflectance Gratings meet the same high level of performance.

Grating	Order	Wavelength (nm)	Efficiency (%)	Order	Wavelength (nm)	Efficiency (%)
11	11	290	100	11	360	100
12	12	290	100	12	360	100
13	13	290	100	13	360	100
14	14	290	100	14	360	100
15	15	290	100	15	360	100
16	16	290	100	16	360	100
17	17	290	100	17	360	100
18	18	290	100	18	360	100
19	19	290	100	19	360	100
20	20	290	100	20	360	100

TABLE I

Grating	Order	Wavelength (nm)	Efficiency (%)
1	1	290	100
2	2	290	100
3	3	290	100
4	4	290	100
5	5	290	100
6	6	290	100
7	7	290	100
8	8	290	100
9	9	290	100
10	10	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
11	11	290	100
12	12	290	100
13	13	290	100
14	14	290	100
15	15	290	100
16	16	290	100
17	17	290	100
18	18	290	100
19	19	290	100
20	20	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
21	21	290	100
22	22	290	100
23	23	290	100
24	24	290	100
25	25	290	100
26	26	290	100
27	27	290	100
28	28	290	100
29	29	290	100
30	30	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
31	31	290	100
32	32	290	100
33	33	290	100
34	34	290	100
35	35	290	100
36	36	290	100
37	37	290	100
38	38	290	100
39	39	290	100
40	40	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
41	41	290	100
42	42	290	100
43	43	290	100
44	44	290	100
45	45	290	100
46	46	290	100
47	47	290	100
48	48	290	100
49	49	290	100
50	50	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
51	51	290	100
52	52	290	100
53	53	290	100
54	54	290	100
55	55	290	100
56	56	290	100
57	57	290	100
58	58	290	100
59	59	290	100
60	60	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
61	61	290	100
62	62	290	100
63	63	290	100
64	64	290	100
65	65	290	100
66	66	290	100
67	67	290	100
68	68	290	100
69	69	290	100
70	70	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
71	71	290	100
72	72	290	100
73	73	290	100
74	74	290	100
75	75	290	100
76	76	290	100
77	77	290	100
78	78	290	100
79	79	290	100
80	80	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
81	81	290	100
82	82	290	100
83	83	290	100
84	84	290	100
85	85	290	100
86	86	290	100
87	87	290	100
88	88	290	100
89	89	290	100
90	90	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
91	91	290	100
92	92	290	100
93	93	290	100
94	94	290	100
95	95	290	100
96	96	290	100
97	97	290	100
98	98	290	100
99	99	290	100
100	100	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
101	101	290	100
102	102	290	100
103	103	290	100
104	104	290	100
105	105	290	100
106	106	290	100
107	107	290	100
108	108	290	100
109	109	290	100
110	110	290	100

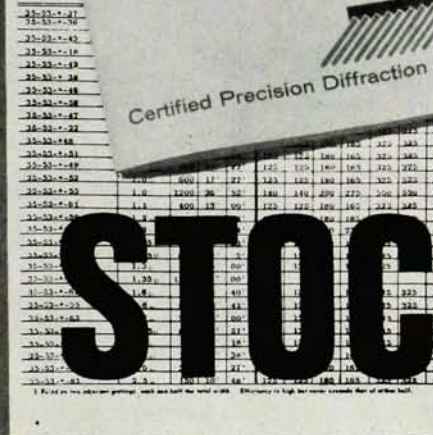
Grating	Order	Wavelength (nm)	Efficiency (%)
111	111	290	100
112	112	290	100
113	113	290	100
114	114	290	100
115	115	290	100
116	116	290	100
117	117	290	100
118	118	290	100
119	119	290	100
120	120	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
121	121	290	100
122	122	290	100
123	123	290	100
124	124	290	100
125	125	290	100
126	126	290	100
127	127	290	100
128	128	290	100
129	129	290	100
130	130	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
131	131	290	100
132	132	290	100
133	133	290	100
134	134	290	100
135	135	290	100
136	136	290	100
137	137	290	100
138	138	290	100
139	139	290	100
140	140	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
141	141	290	100
142	142	290	100
143	143	290	100
144	144	290	100
145	145	290	100
146	146	290	100
147	147	290	100
148	148	290	100
149	149	290	100
150	150	290	100

Grating	Order	Wavelength (nm)	Efficiency (%)
151	151	290	100
152	152	290	100
153	153	290	100
154	154	290	100
155	155	290	100
156	156	290	100
157	157	290	100
158	158	290	100
159	159	290	100
160	160	290	100



Grating	Order	Wavelength (nm)	Efficiency (%)
161	161	290	100
162	162	290	100
163	163	290	100
164	164	290	100
165	165	290	100
166	166	290	100
167	167	290	100
168	168	290	100
169	169	290	100
170	170	290	100

1. Based on the above gratings, each one half the width of the other. Efficiency is high for some exceeds that of other half.

2. Based on the above.

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