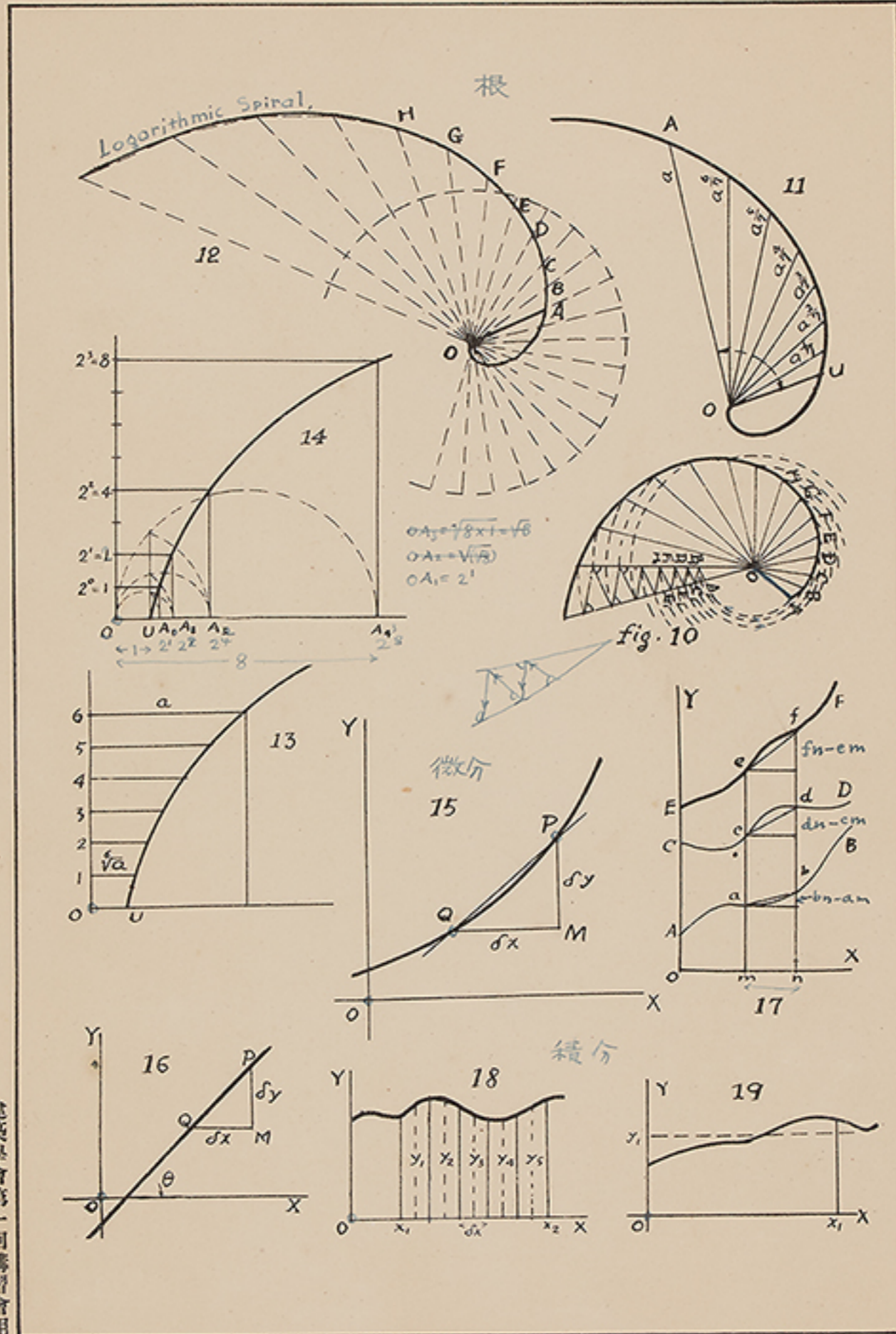


建築學會第一回講習會用



建築學會第一回講習會用

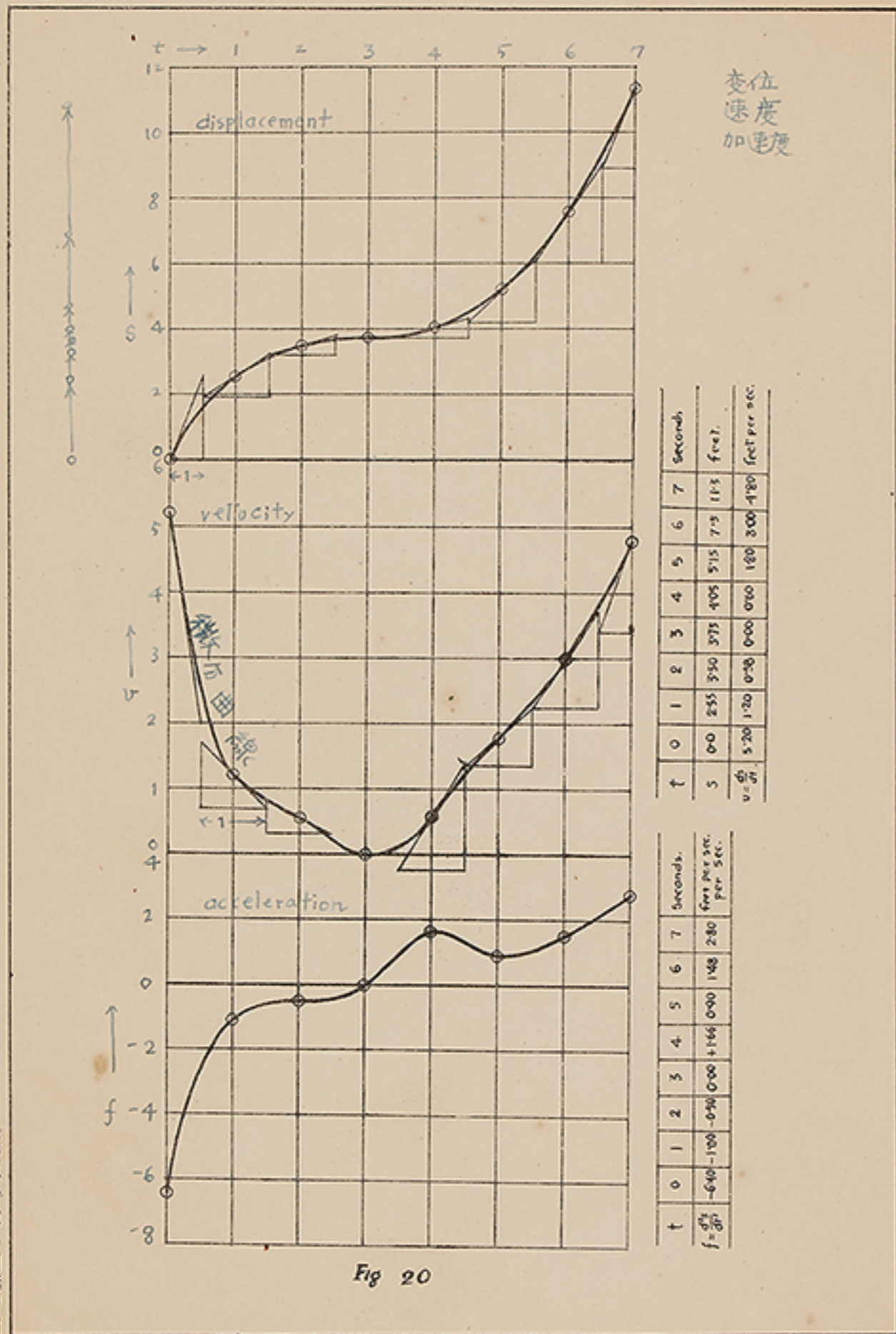
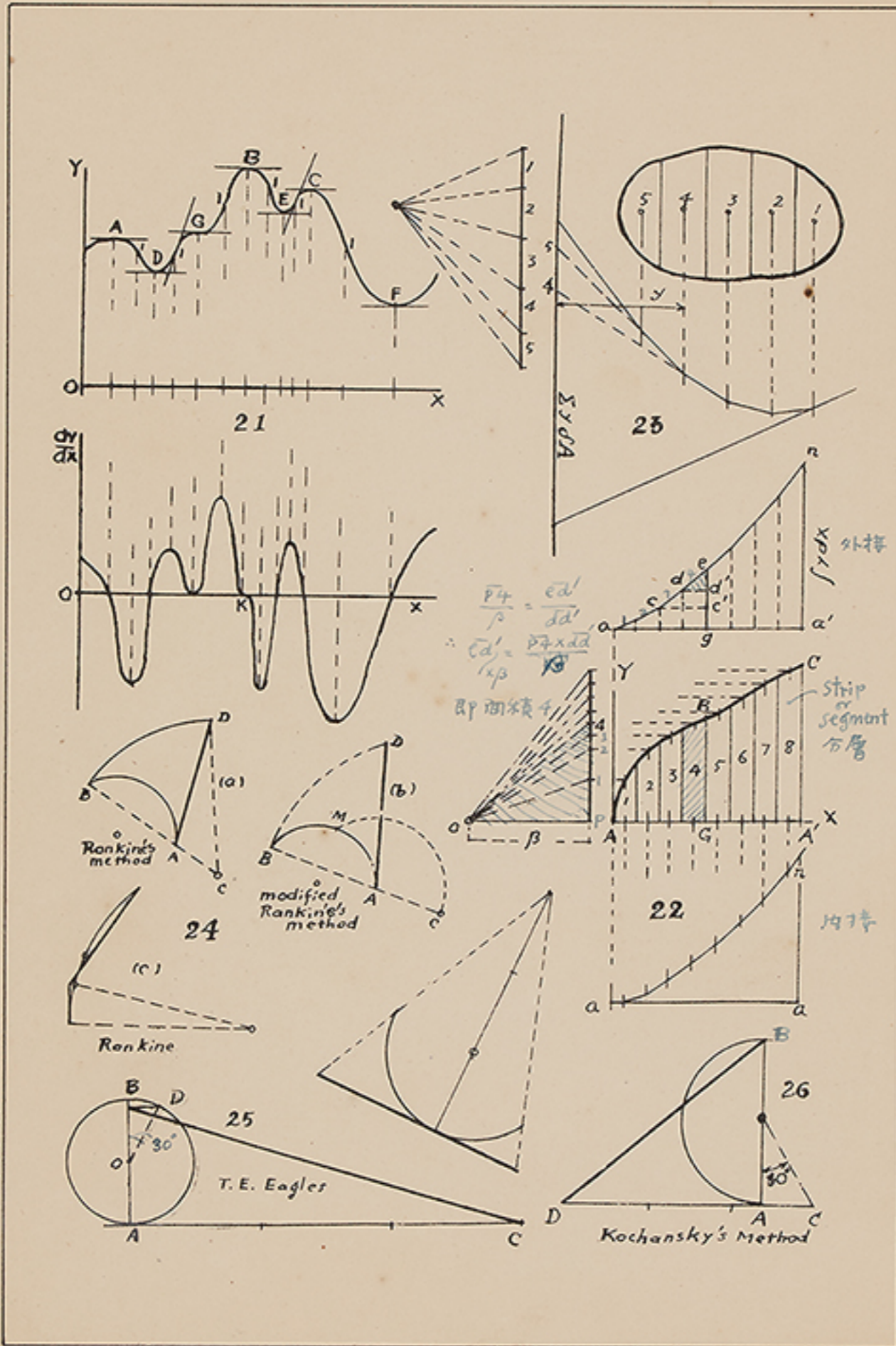
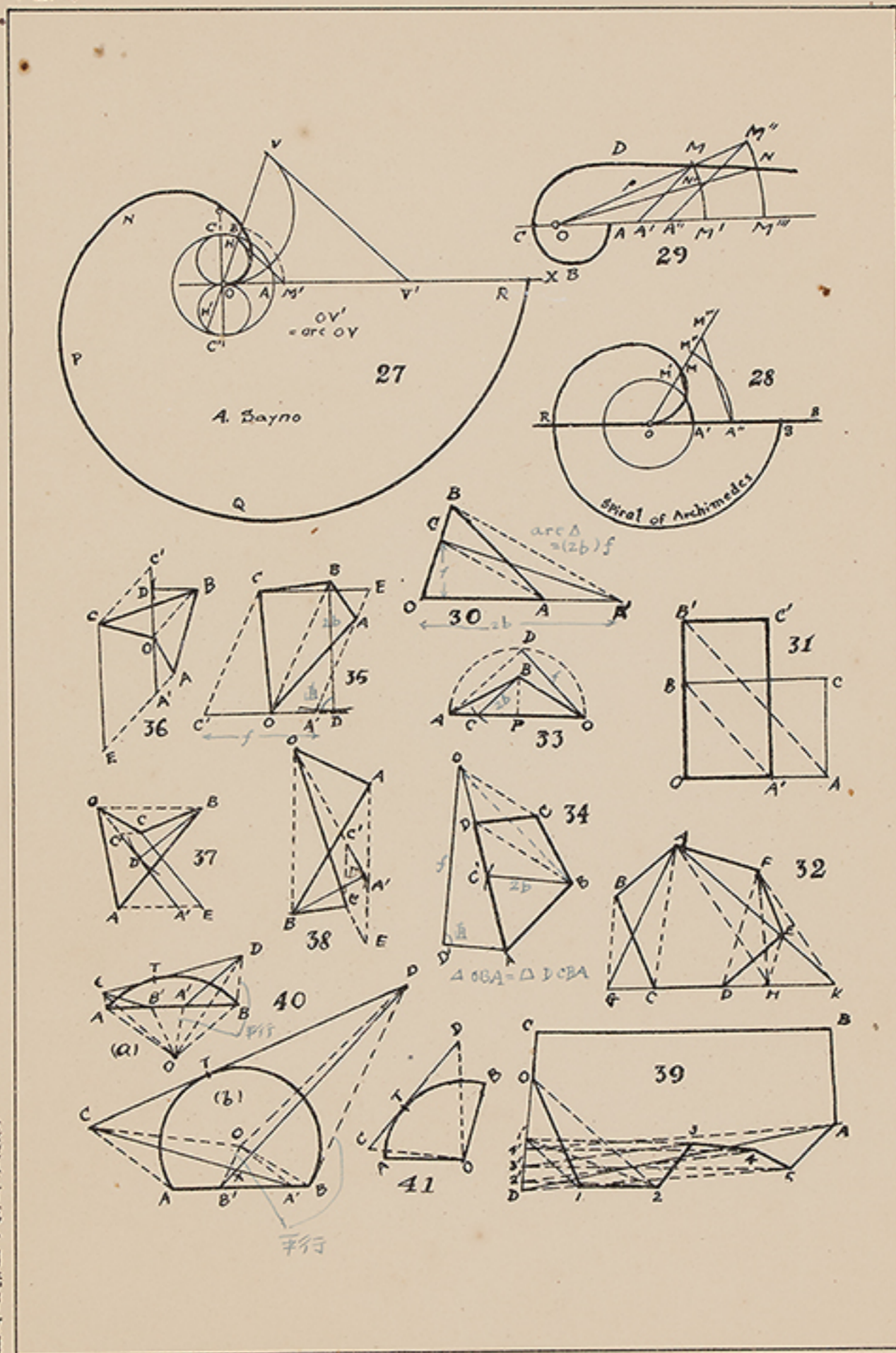


Fig 20

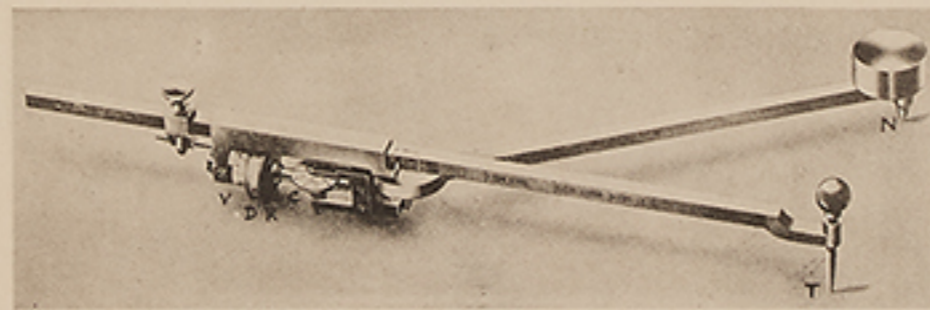
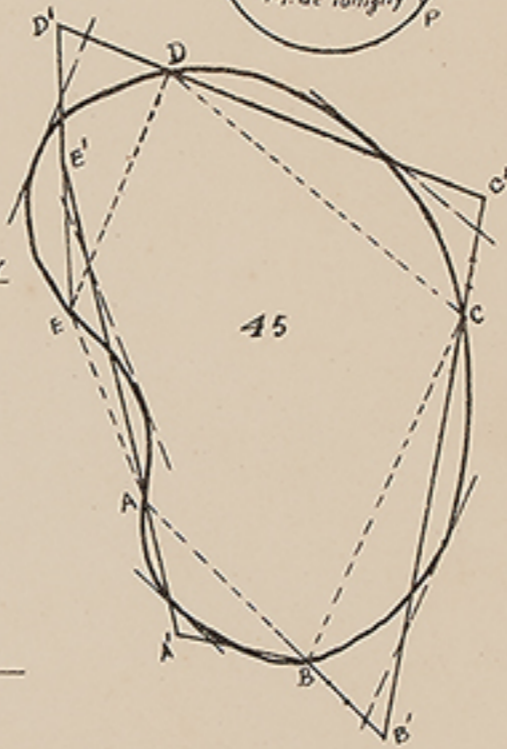
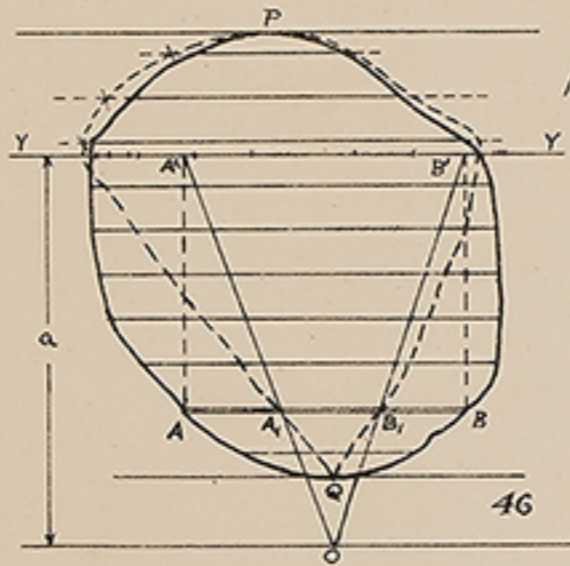
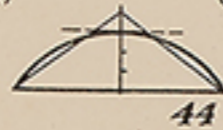
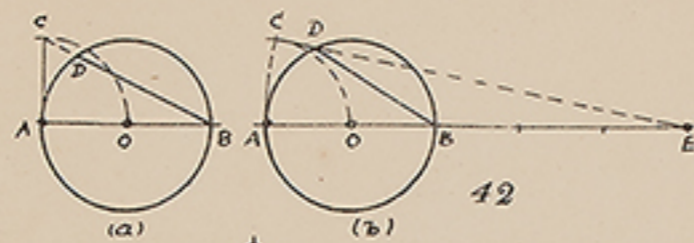
建築學會第二回講習用



建築學會第一回講習會用

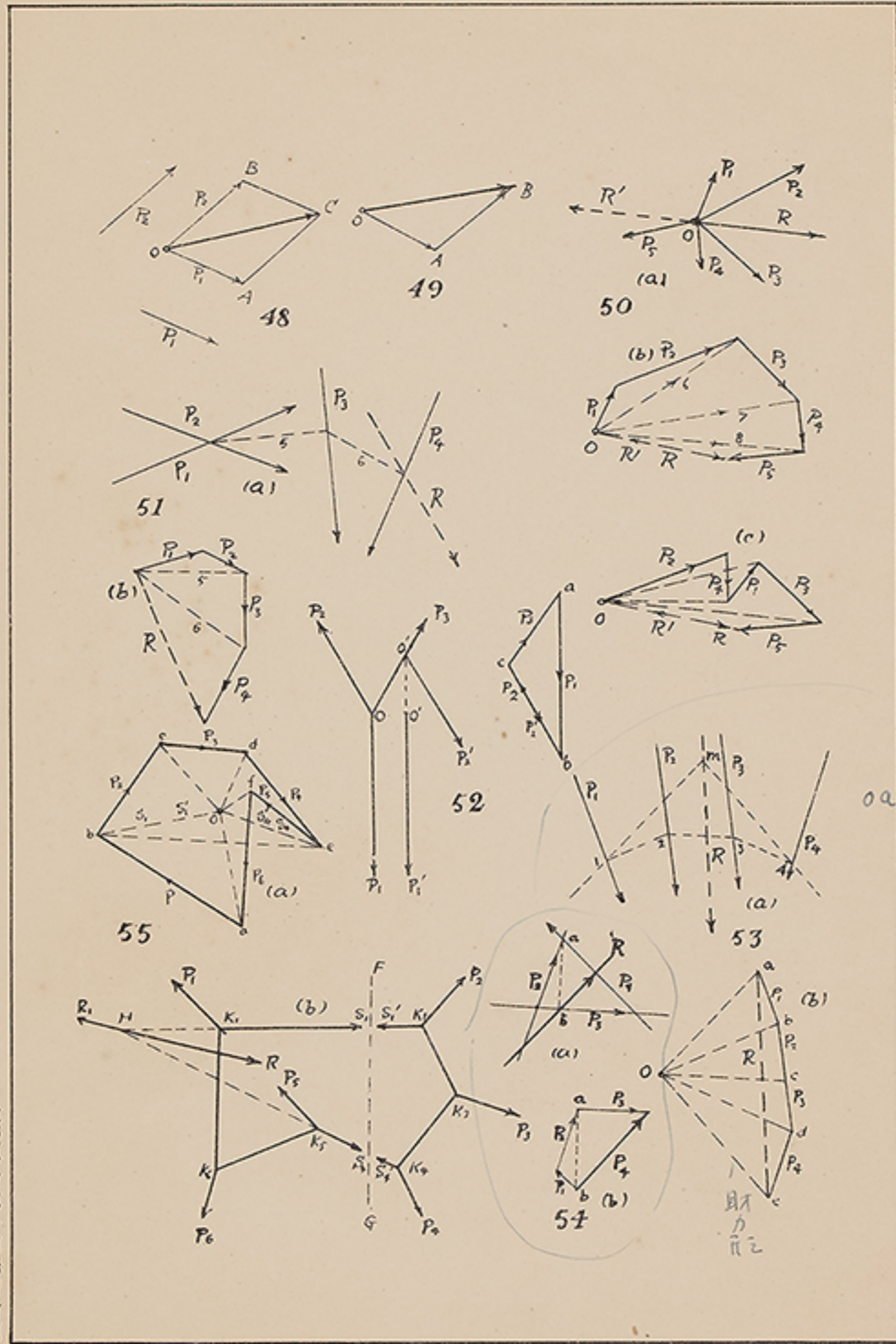


建築學會第一回講習會用



47. V-Vernier, R-Roller, D-Drum, C-Counting-disc, T-Tracing pt. N-Needle pt.

建築學會第一回講習會用



$oa + ob + P_1 = 0$

建築學會第一回講習會用

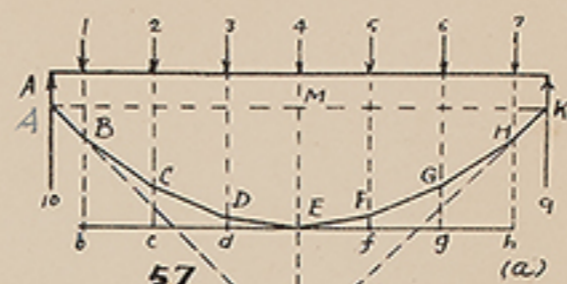
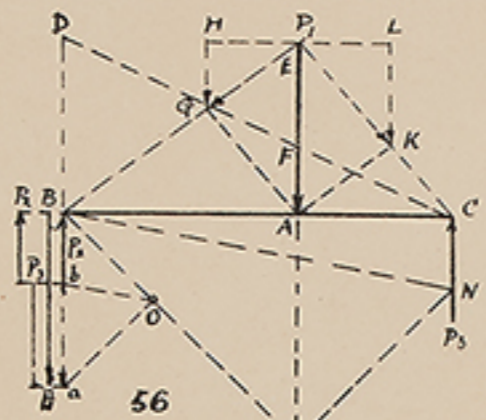
P_1, P_2 Couple.
 限力臂 arm

平行力の平衡

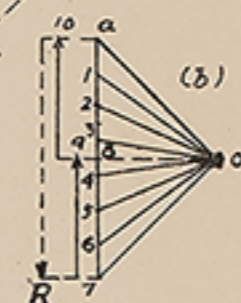
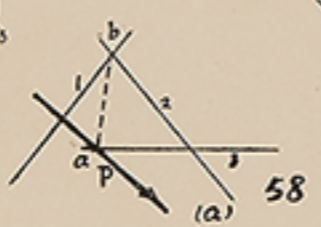
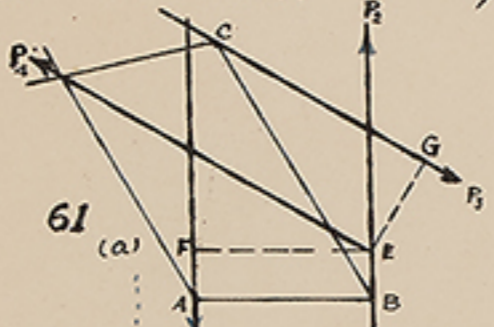
(a) P_1, P_2, P_3 の平衡
 $P_1 = P_2 + P_3$
 $P_1 \times BC = P_2 \times AC + P_3 \times AB$
 $\therefore P_1 = \frac{P_2 \times AC + P_3 \times AB}{BC}$

力の等距離にて全力の力

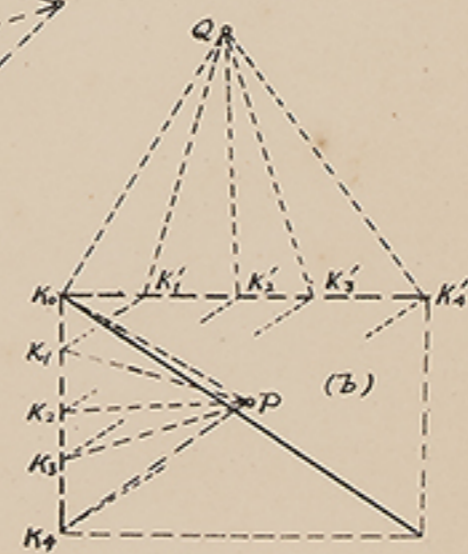
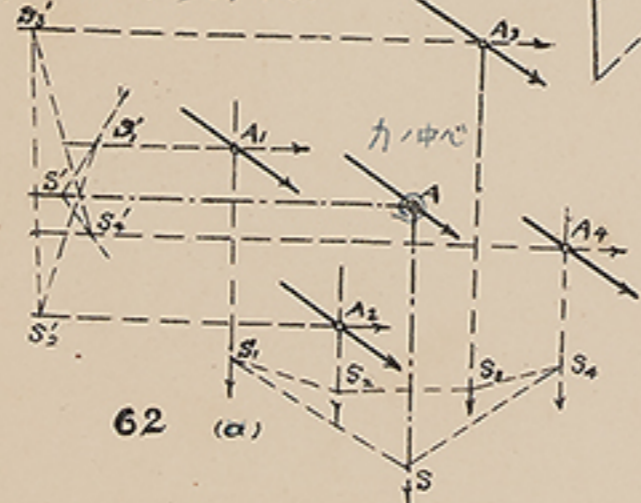
draw $bEh \parallel AMK$
 $Cc : Dd :: EC : Ed$



力の等距離にて全力の力



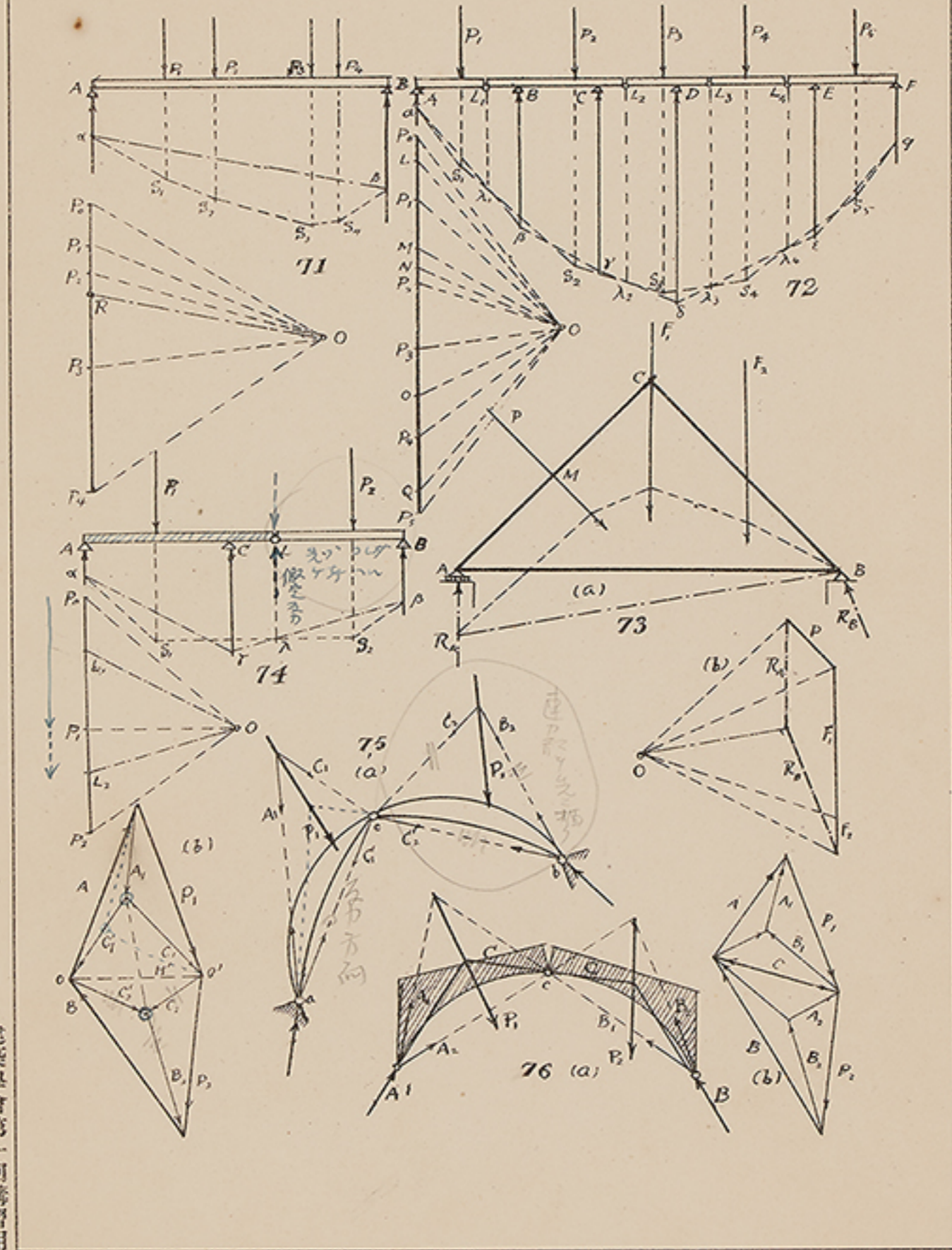
平行力の中心 (重心, 力心)



建築學會第一回講習會用

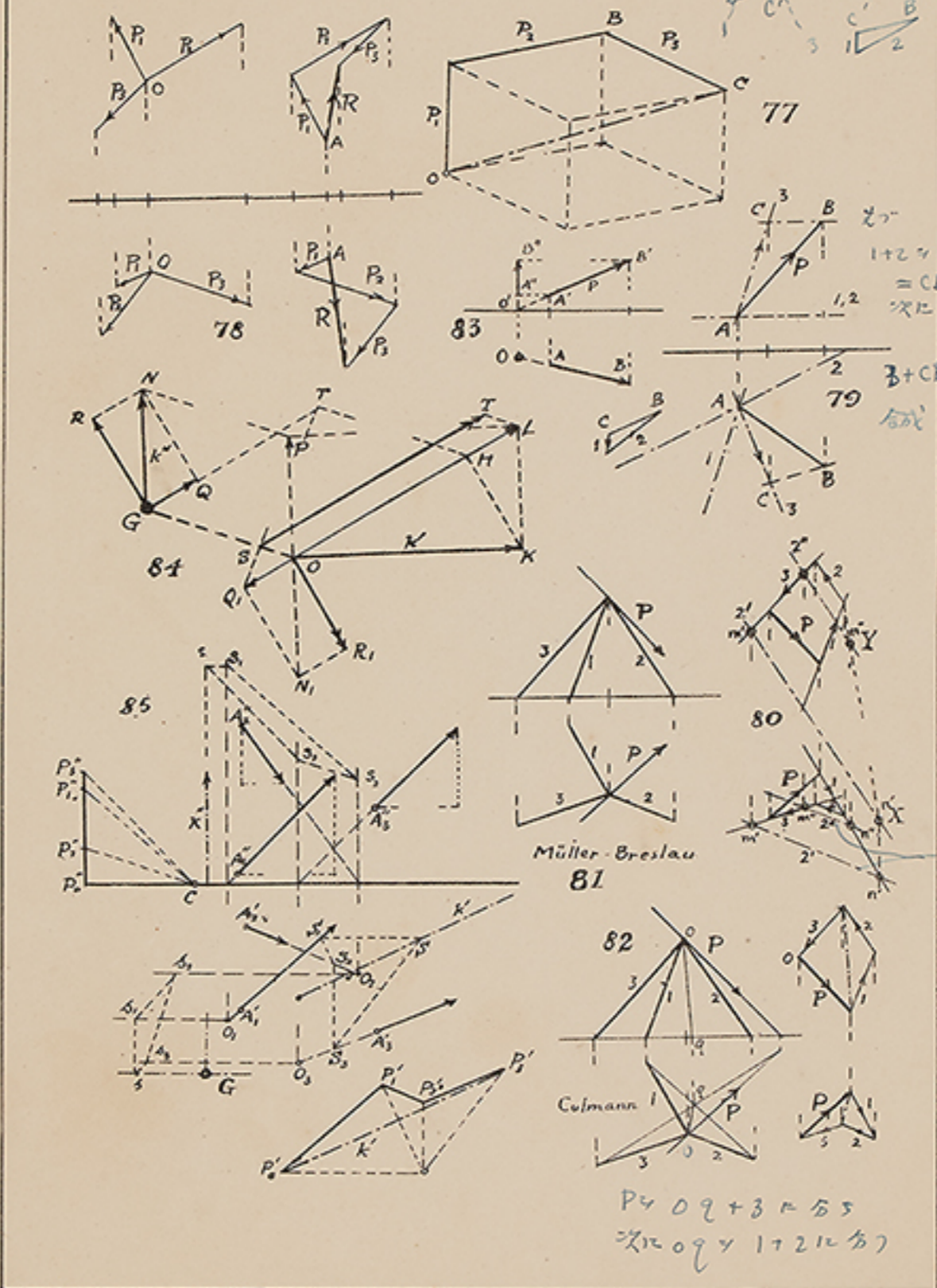
Centre of \parallel force = centroid, centre of force
 重心の中心
 重心 = mass centre or centre of gravity.

Ⅳ 支点反力



建築學會第一回講習用

non-complaner force.



分解 C³B CBの挿入
CB' 1, 2に
分解す。

1+2の分の
=CB
次に

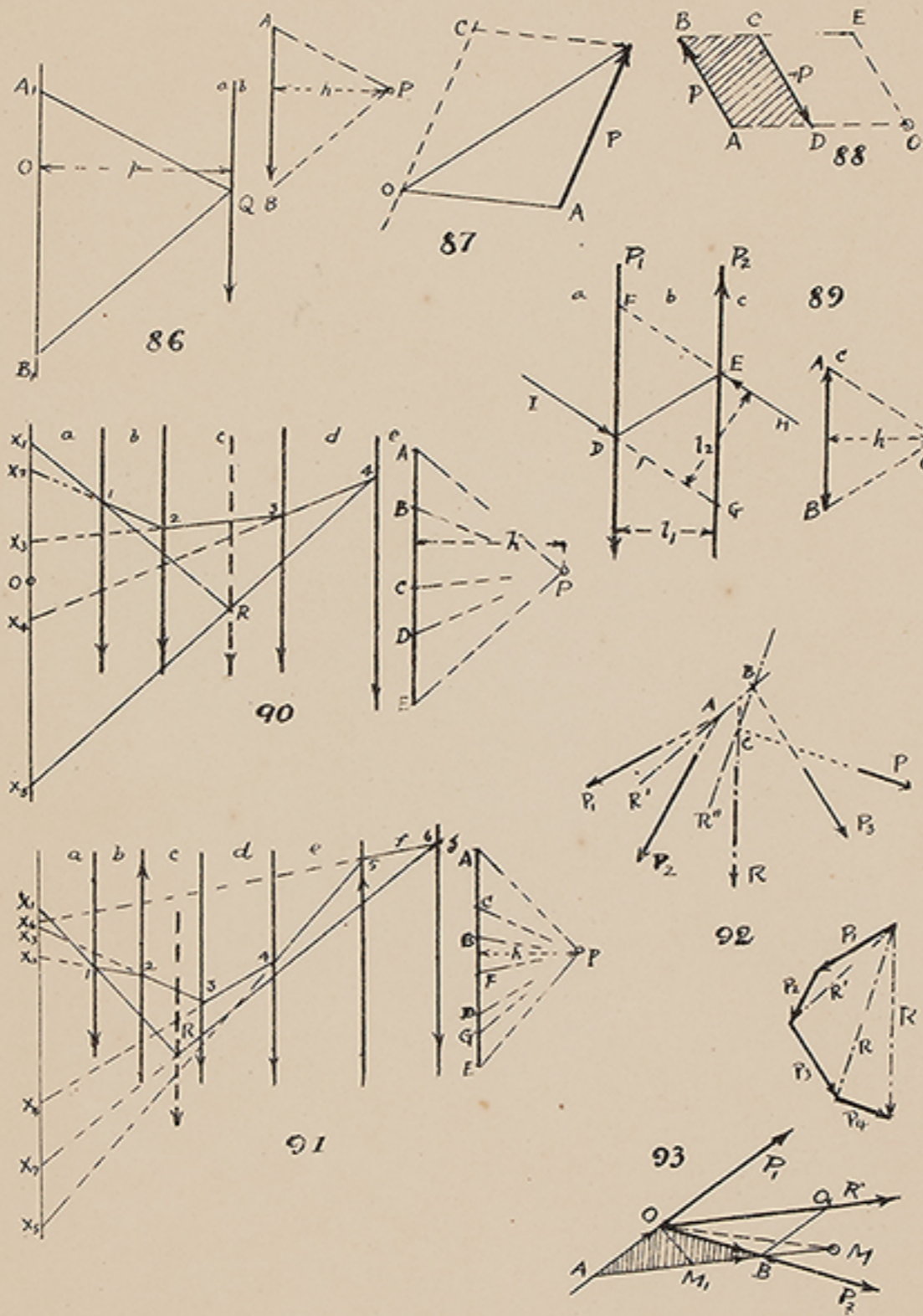
3+CBの分の
合成

planの
位置に
描く

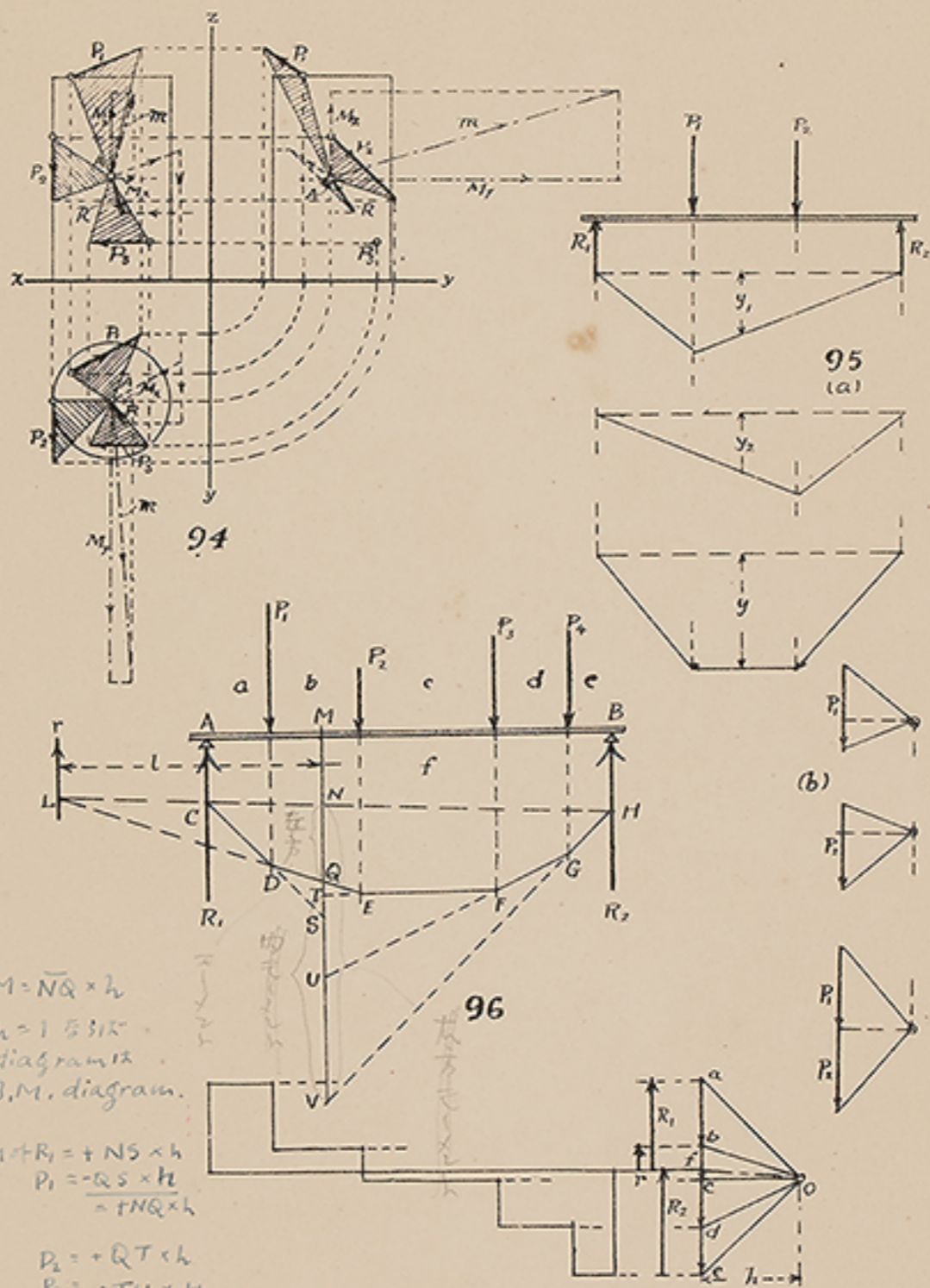
$P \times 0.9 + 3 = 5.5$
次に $0.9 \times 1 + 2 = 2.9$

建築學會第一回講習會用

VII カの力学

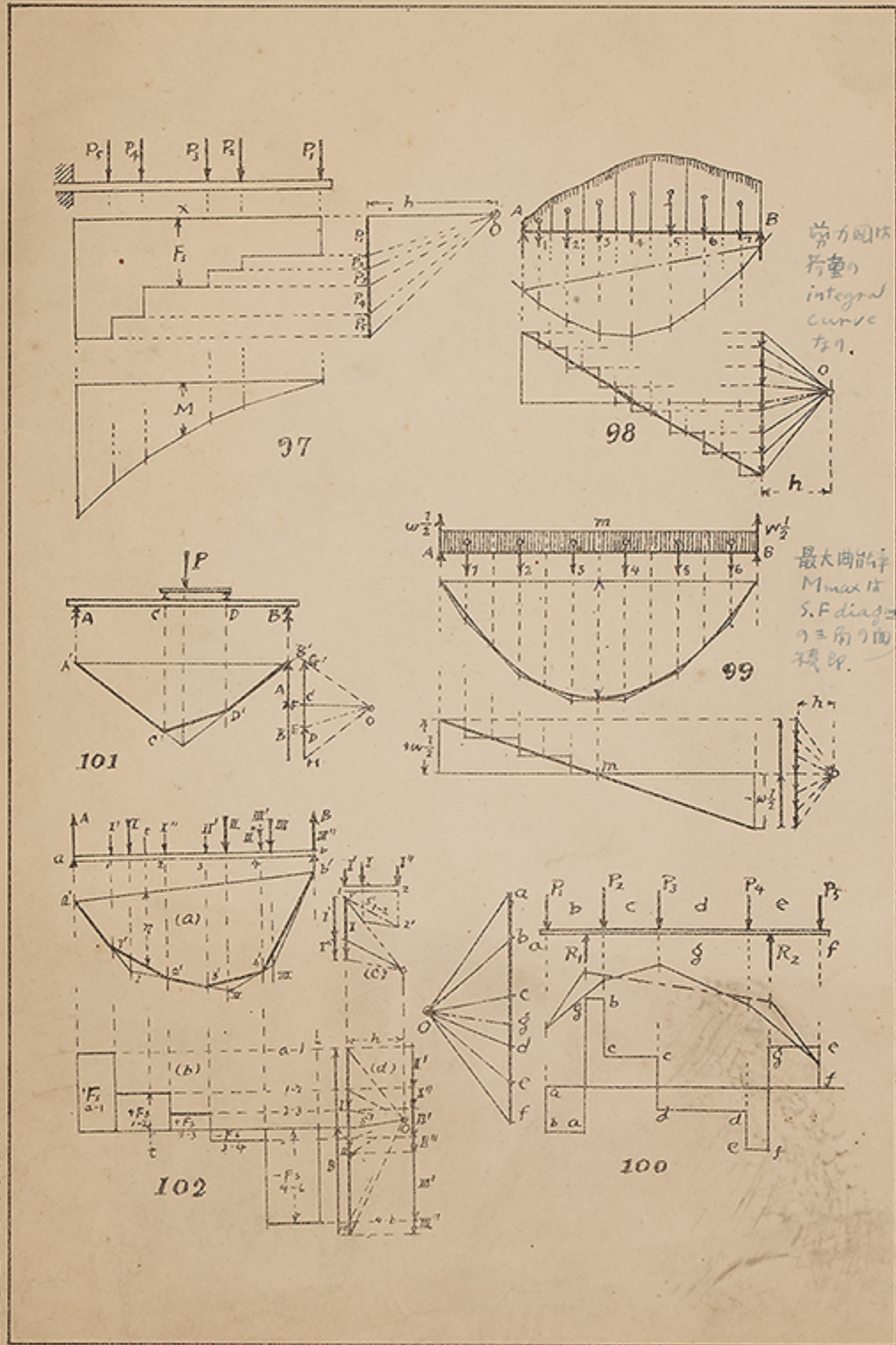


建築學會第一回講習會用



$M = \bar{N}Q \times h$
 $h = 1.531x$
 diagram
 B.M. diagram.
 $M + R_1 = +NS \times h$
 $P_1 = -QS \times h$
 $\quad = -NQ \times h$
 $P_2 = +QT \times h$
 $P_3 = +TU \times H$
 $P_4 = +UV \times H$
 $P_2 = -NV \times H$
 $\quad = -NQ \times H$

建築學會第一回講習會用

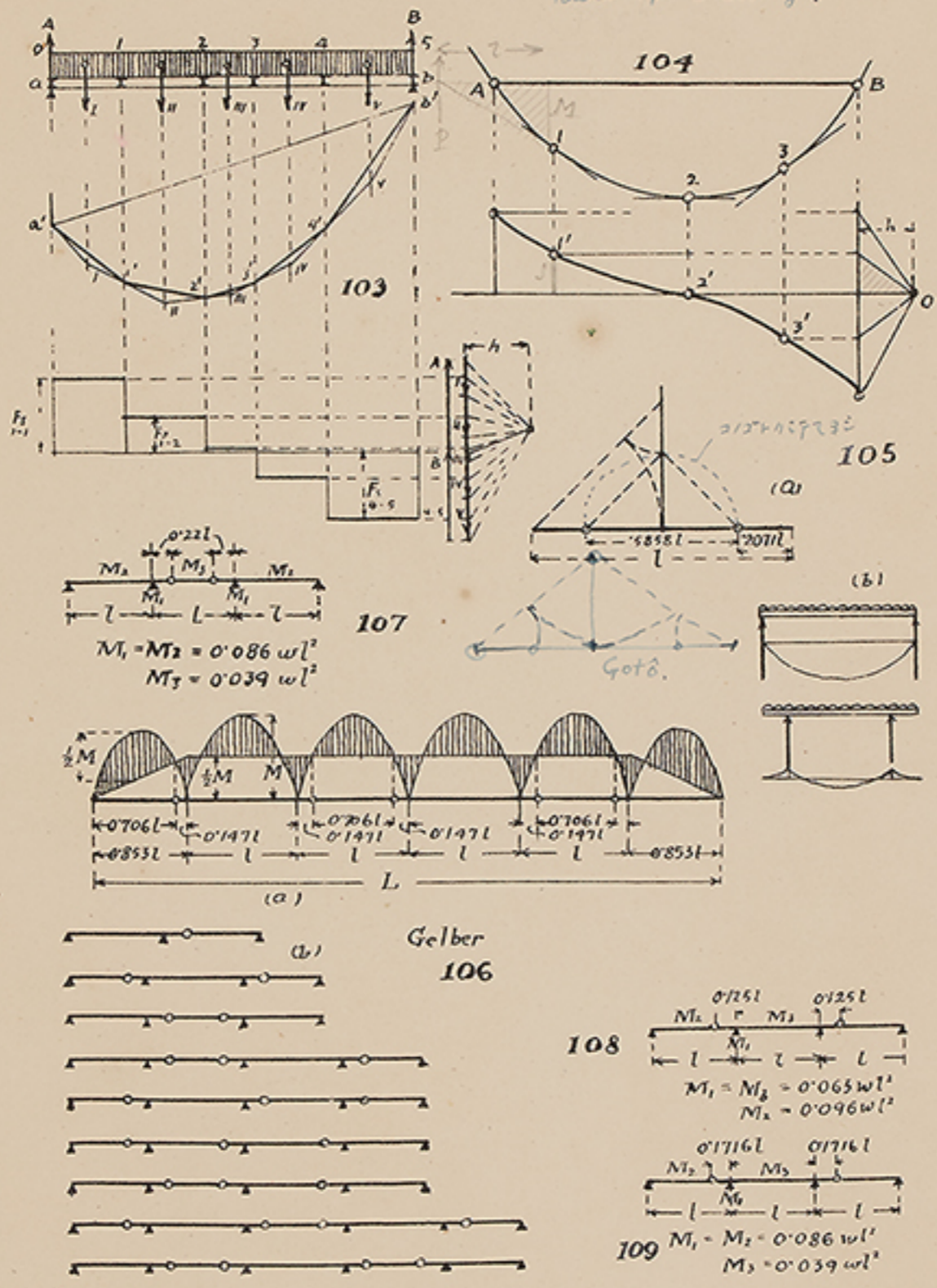


建築學會第一回講習用

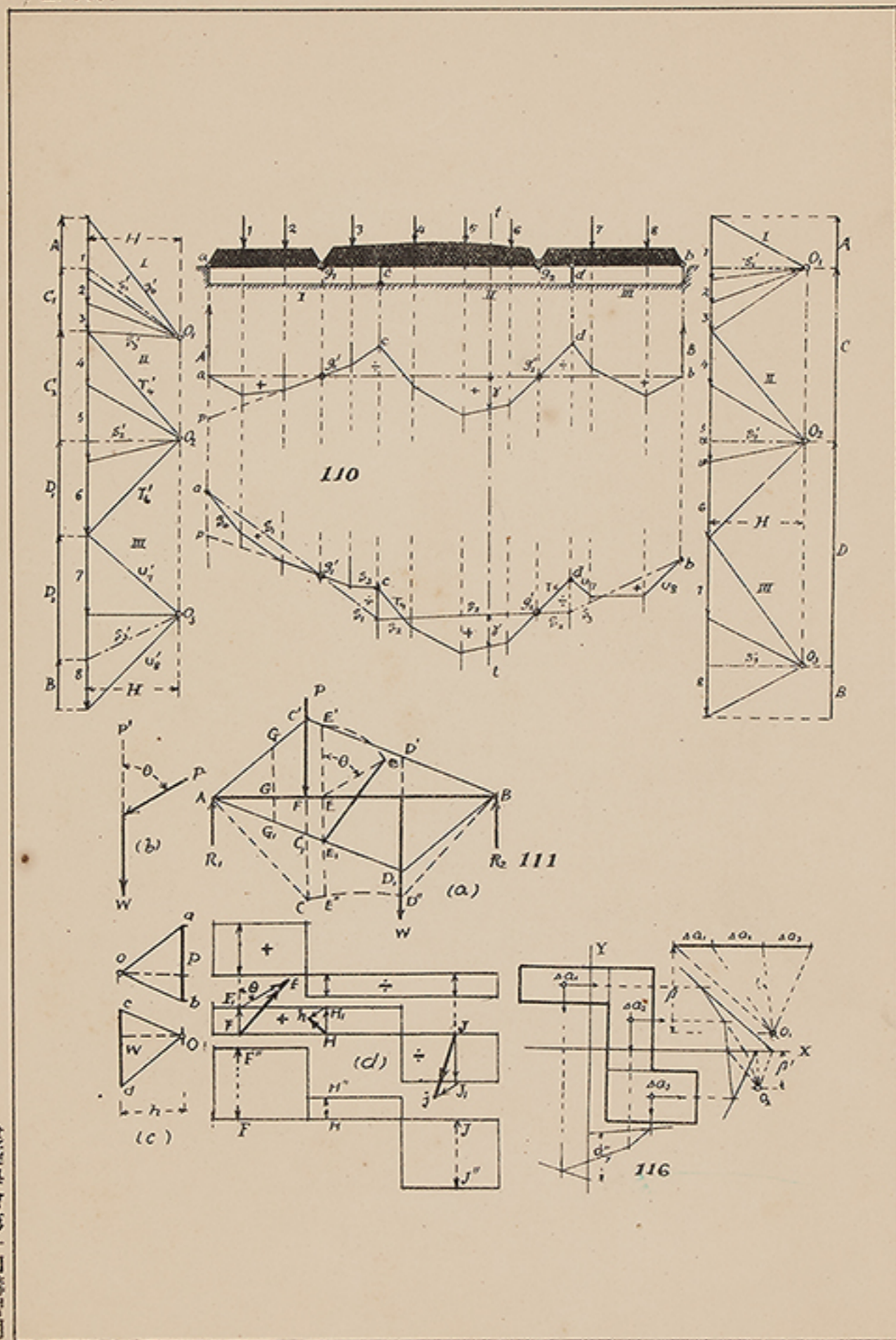
$$\frac{M}{l} = \frac{S}{h} \quad M = Pl$$

$$P = \frac{S}{h}$$

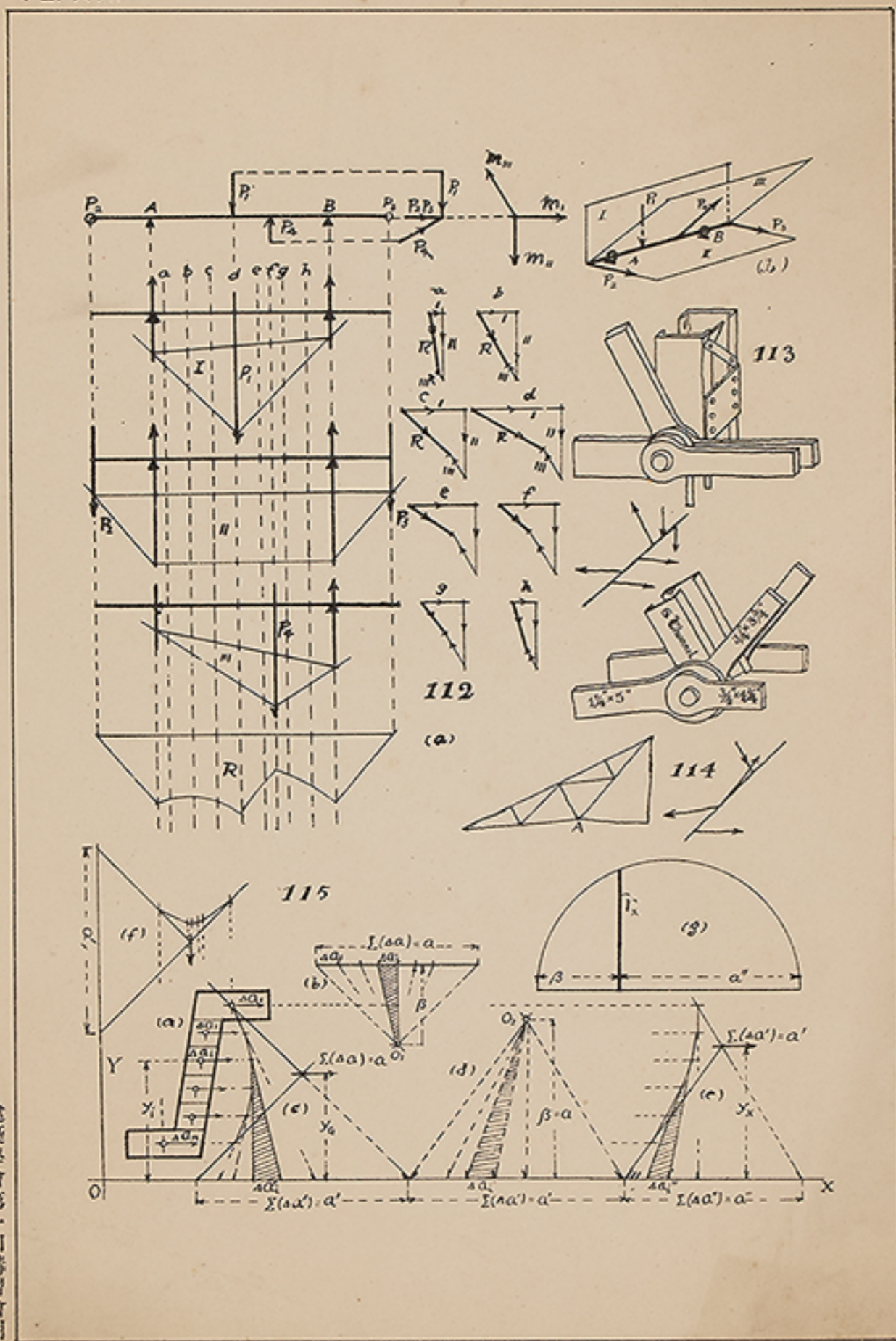
この図は shear は
B.M の dip rate として知られ、
即ち水平の変化は shear, M の
rate of change.



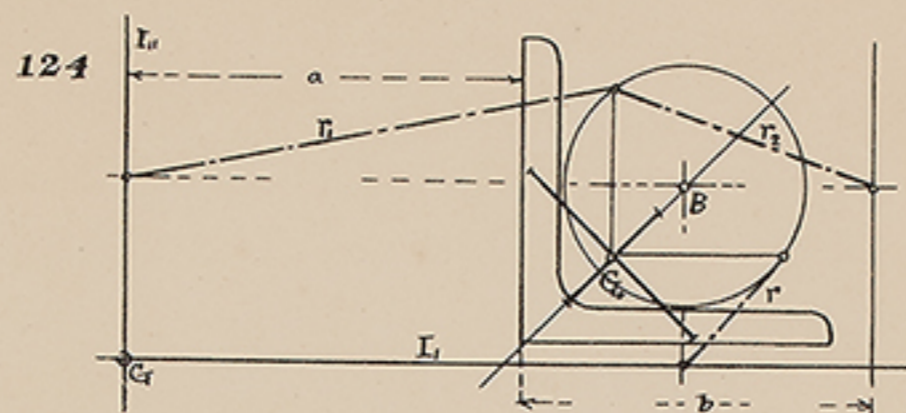
建築學會第一回講習會用



建築學會第一回講習用



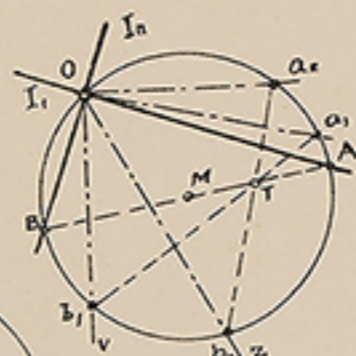
建築學會第一回講習會用



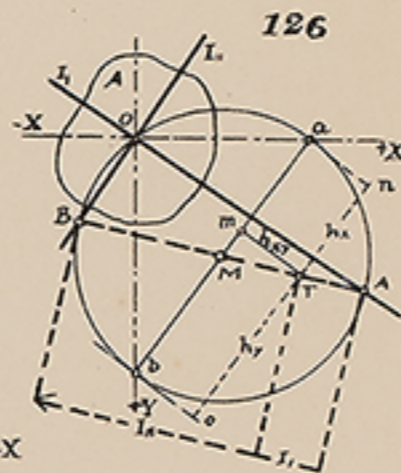
(Mehr-Land)



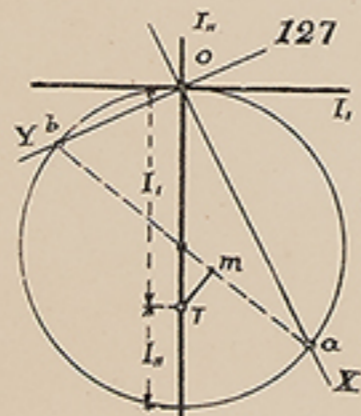
125

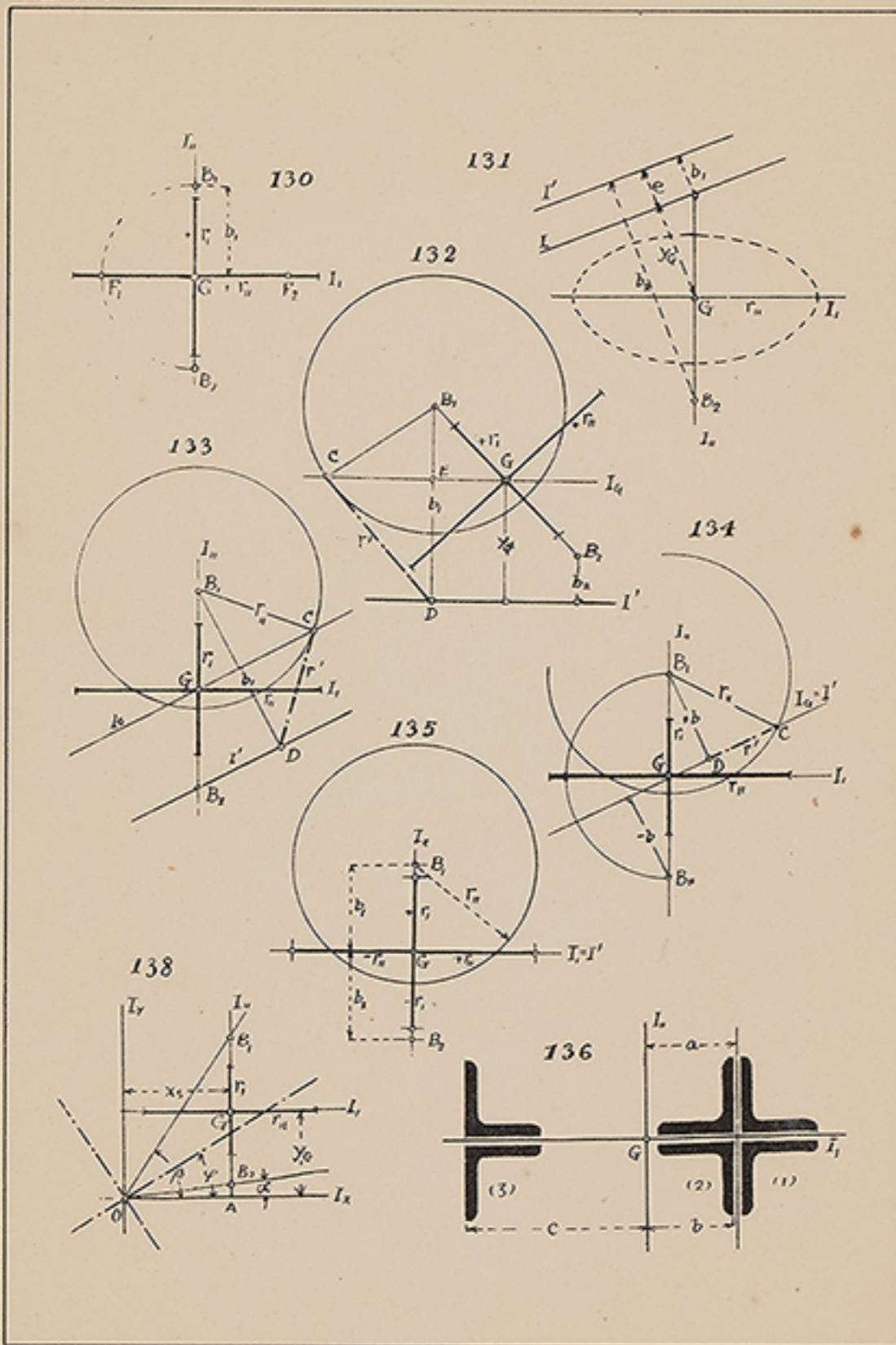


129



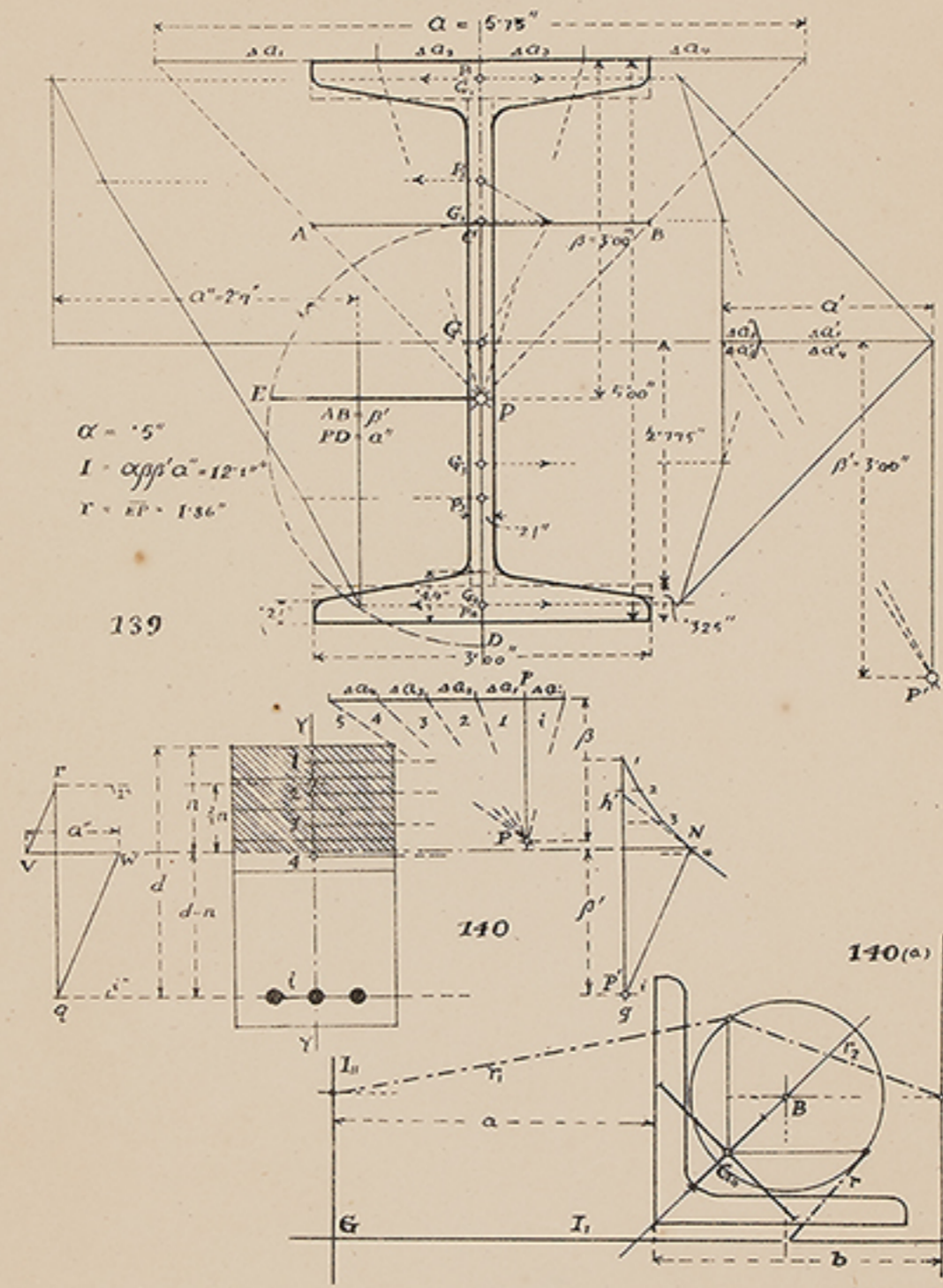
126



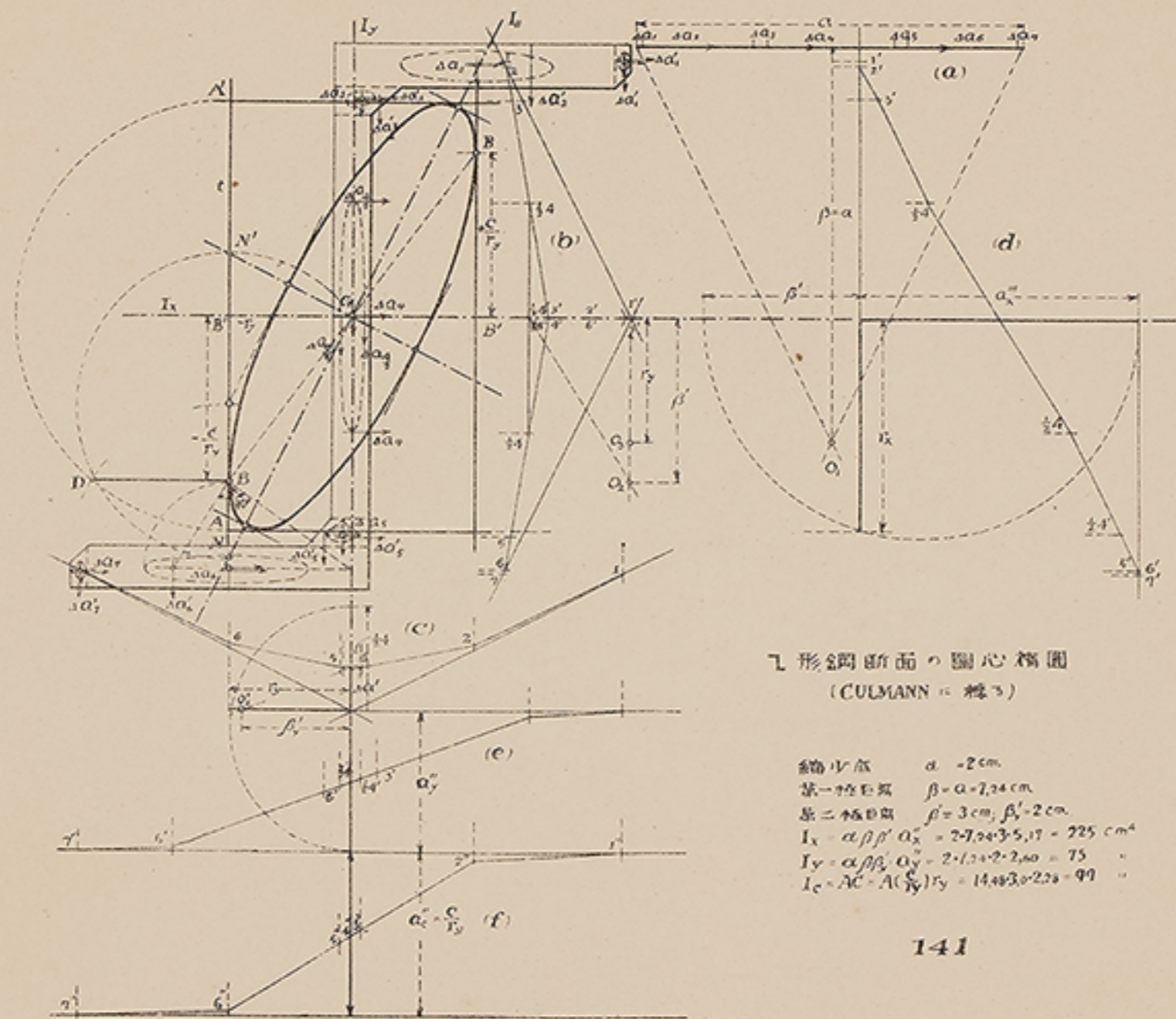


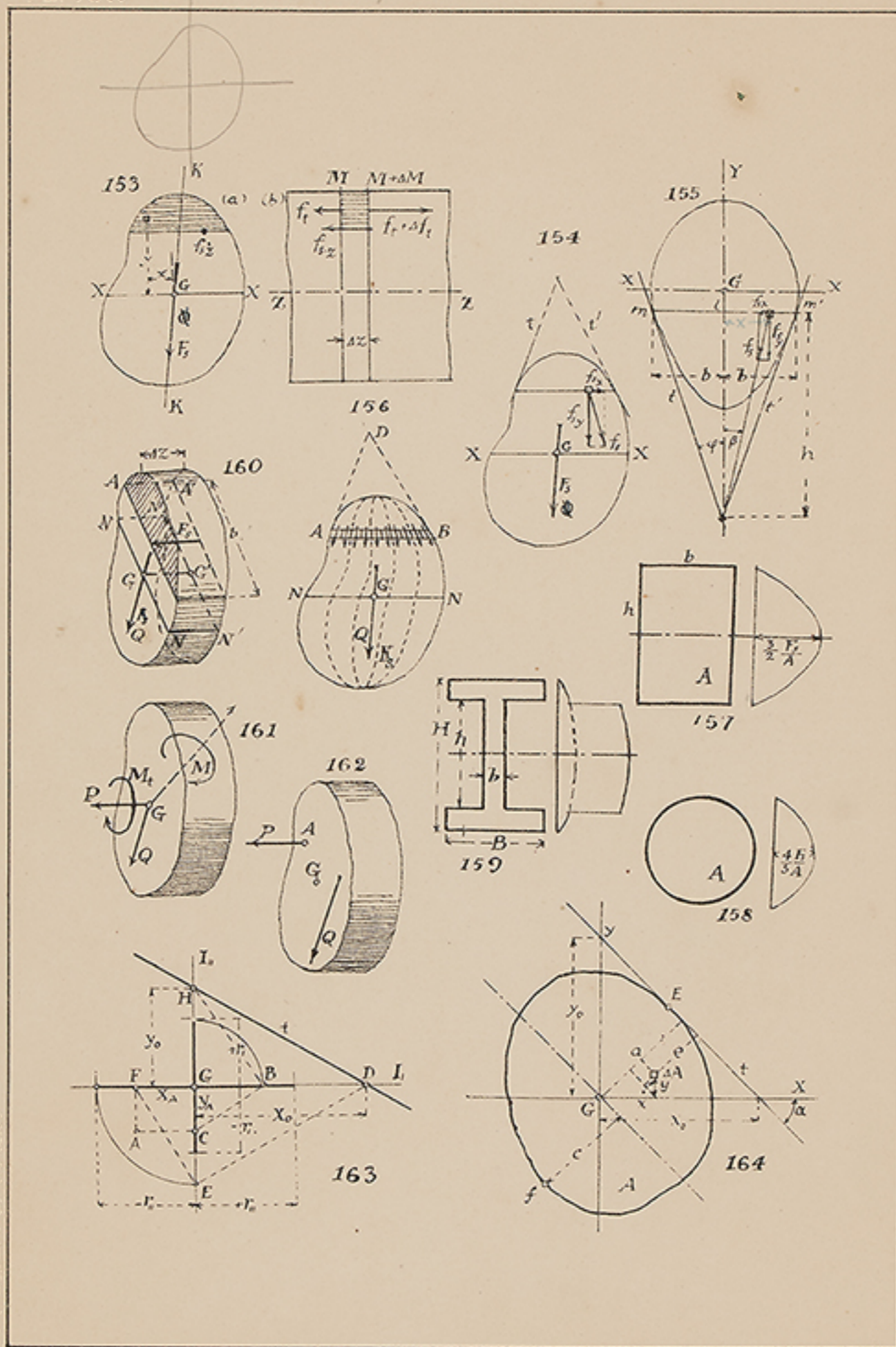
建築學會第一回講習會用

$A = 28.75$

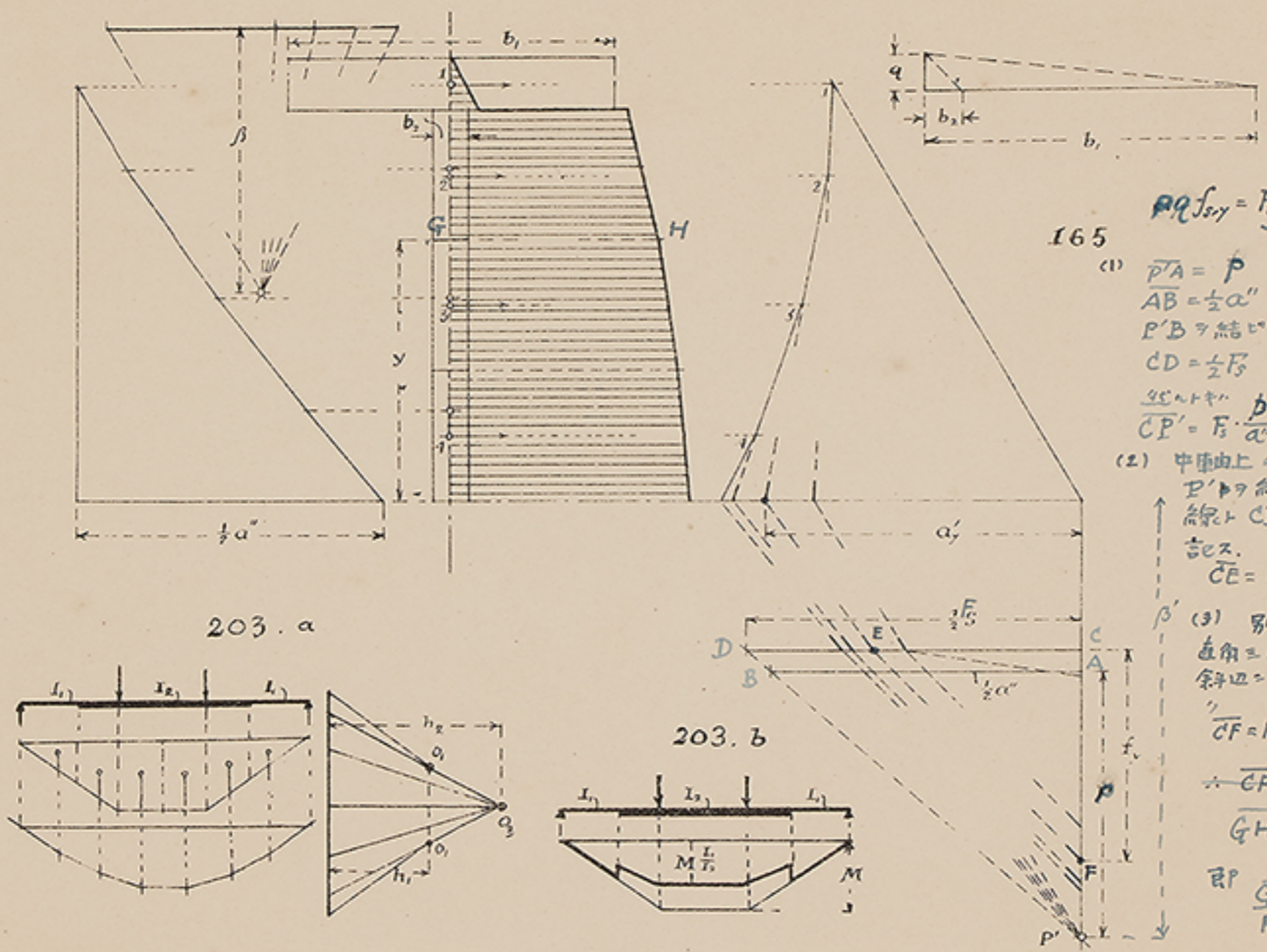


建築學會第一回講習用





建築學會第一回講習會用



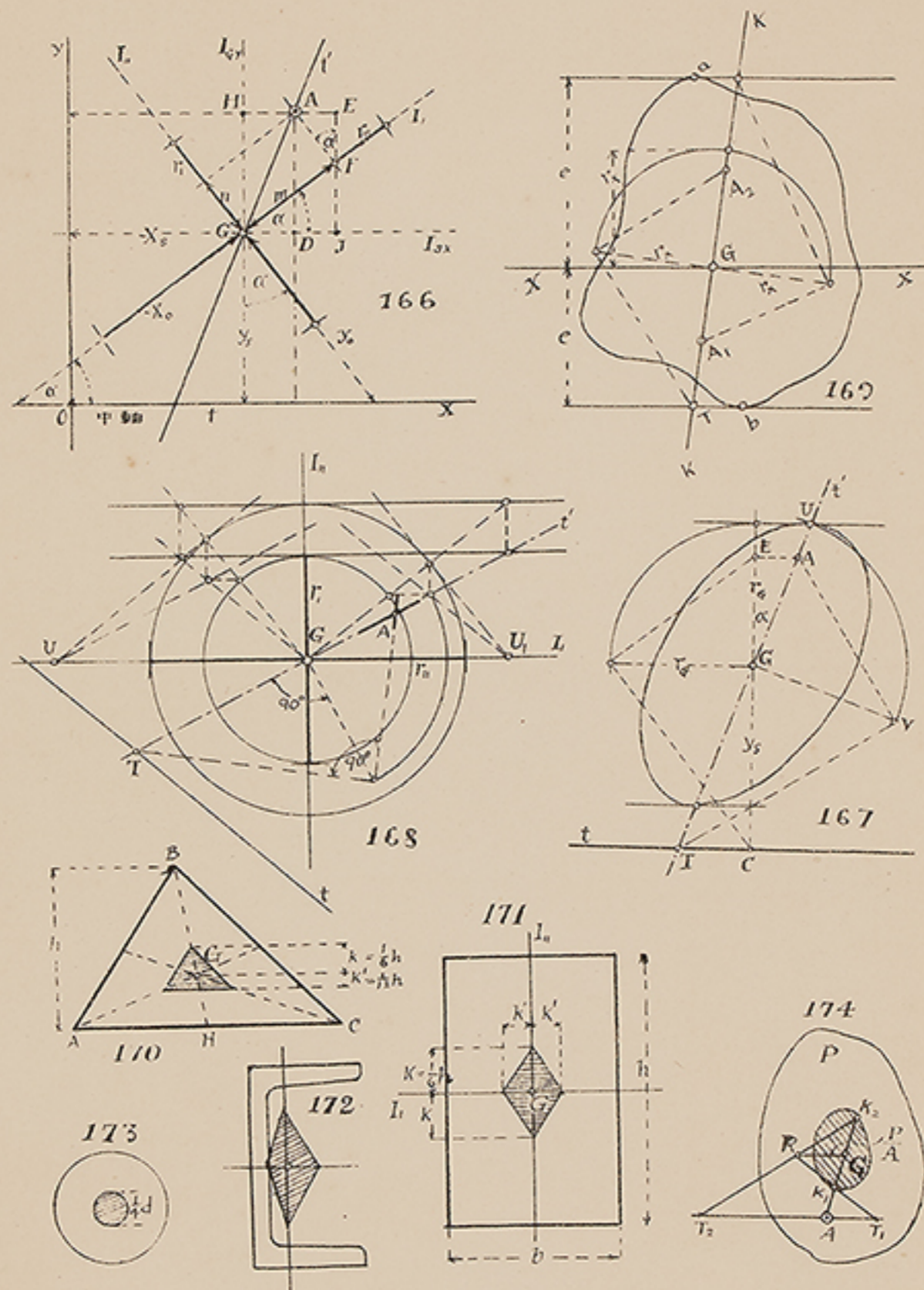
165

$$PQ f_{s,y} = F_s \cdot \frac{P}{a'} \cdot \frac{a'}{\beta'} \cdot \frac{z}{b_2}$$

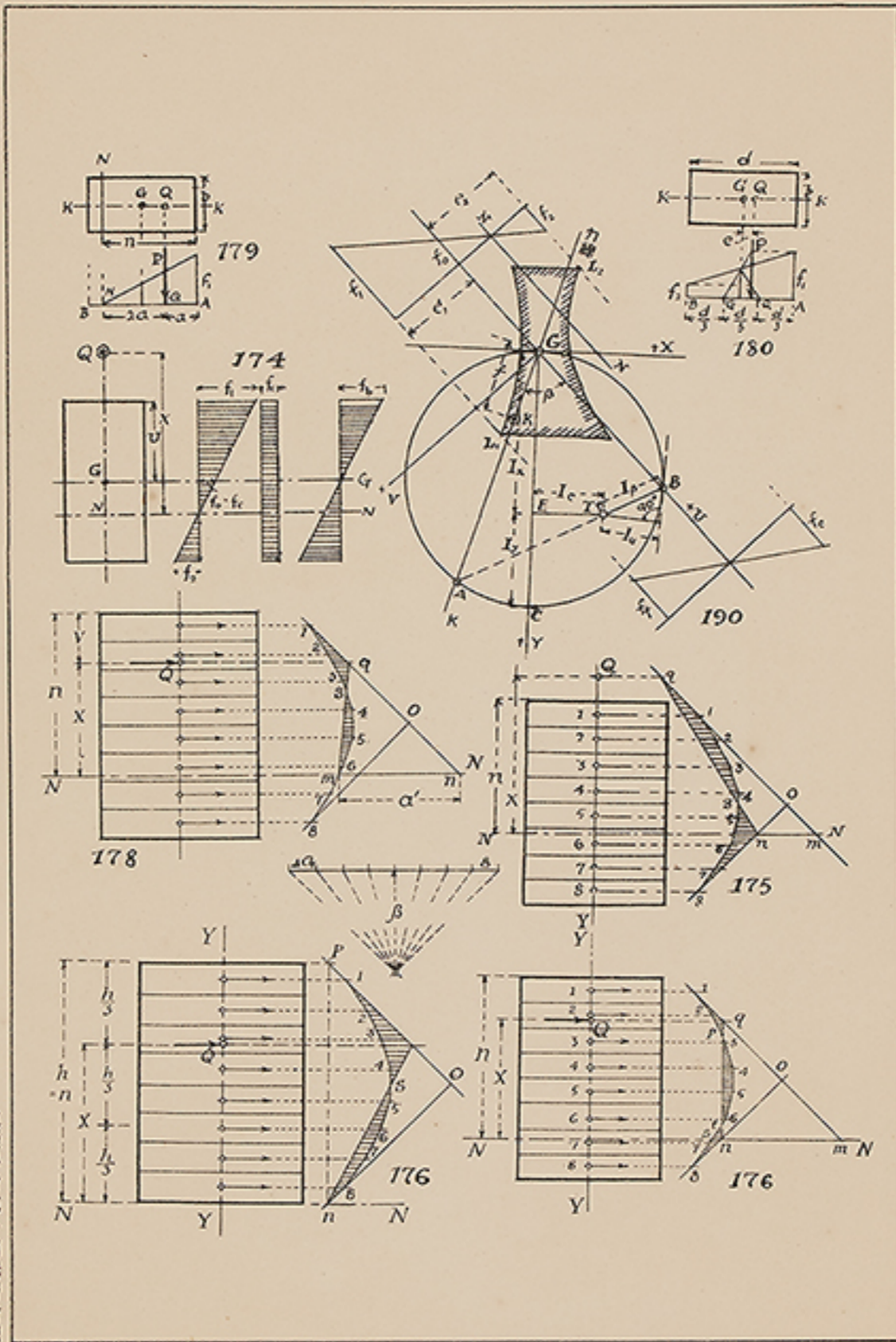
(1) $\overline{PA} = p$
 $\overline{AB} = \frac{1}{2} a''$
 $P'B$ を結ぶ
 $\overline{CD} = \frac{1}{2} F_s$
 $\frac{z}{\beta' a' + \frac{1}{2} a''} = \frac{p}{a'}$

(2) 中軸上の $\Delta A'$ 点ト
 P' トヲ結ブ. 該連結
 線ト CD トノ交点ヲ
 記ス.
 $\overline{CE} = F_s \cdot \frac{\beta}{a'} \cdot \frac{a'}{\beta'}$

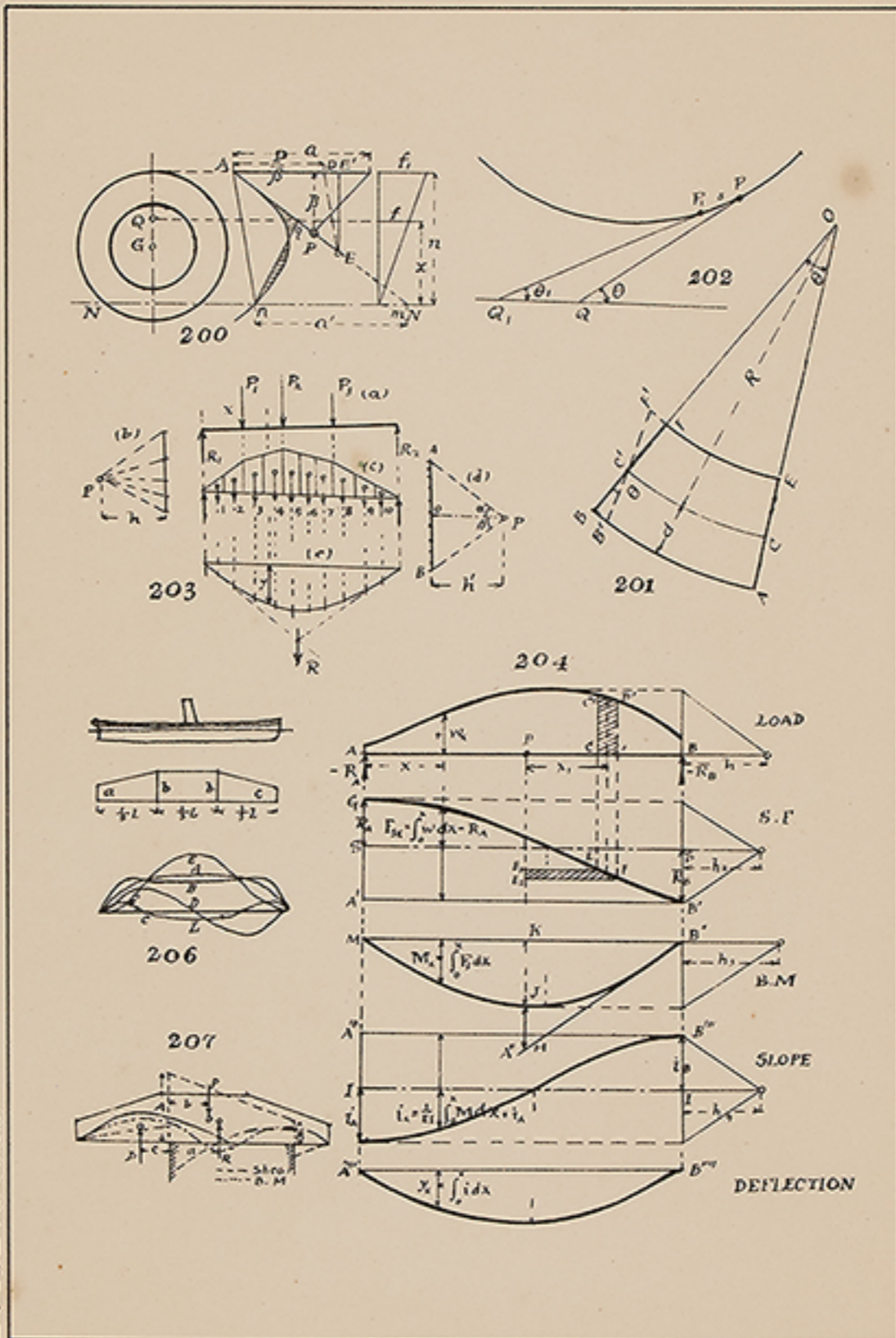
(3) 別ト q 及 $b_2 = \gamma$
 直角三角ヲ作リ,
 斜辺 = 平行 = EF ヲ描
 $\overline{CF} = F_s \cdot \frac{p}{a'} \cdot \frac{a'}{\beta'} \cdot \frac{z}{b_2}$
 $\overline{CF} \cdot \frac{a}{z} = \alpha \beta f_{s,y}$
 $\overline{GH} = \overline{CF}$ ト作ル
 即 $\frac{\overline{GH}}{P \cdot q} = f_{s,y}$



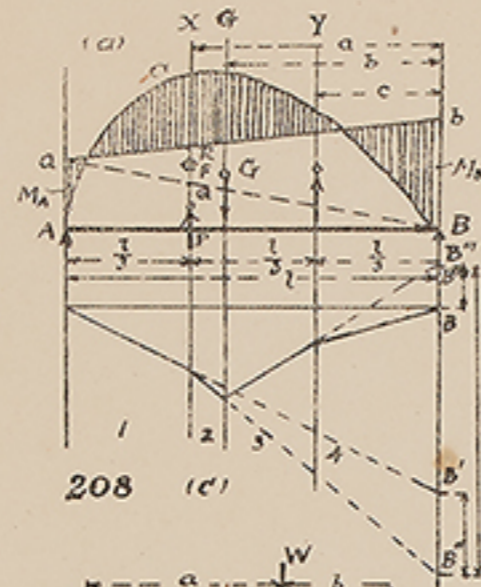
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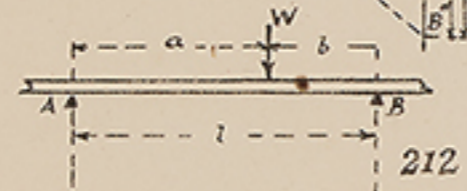
建築學會第二回講習會用



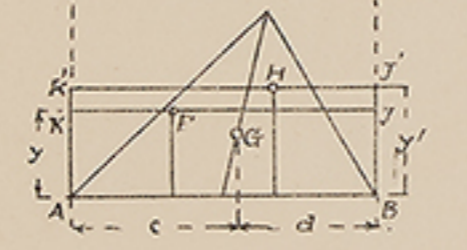
建築學會第一回講習會用



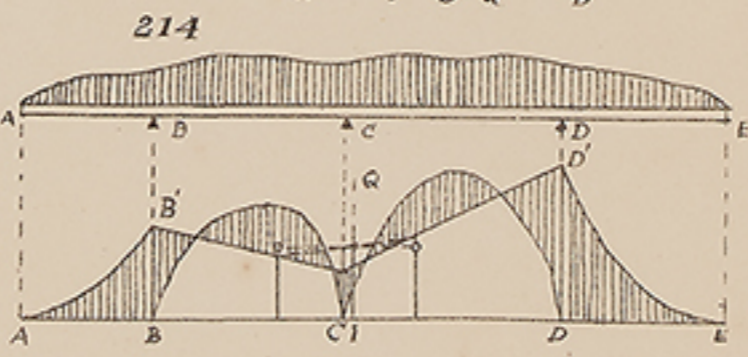
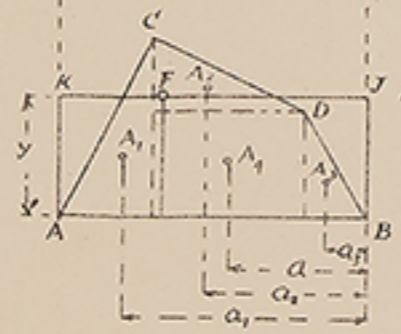
208 (c')



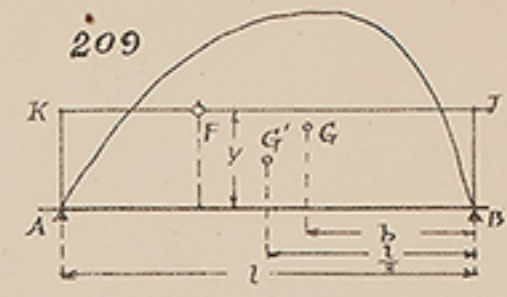
212



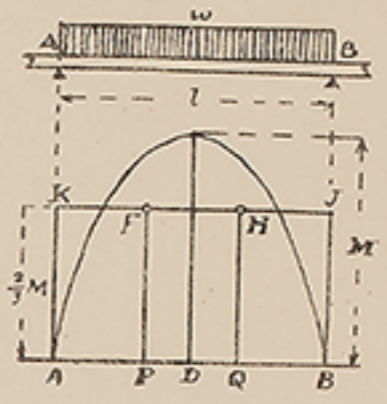
213



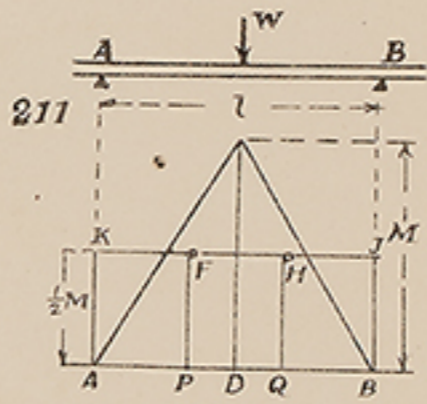
214



209

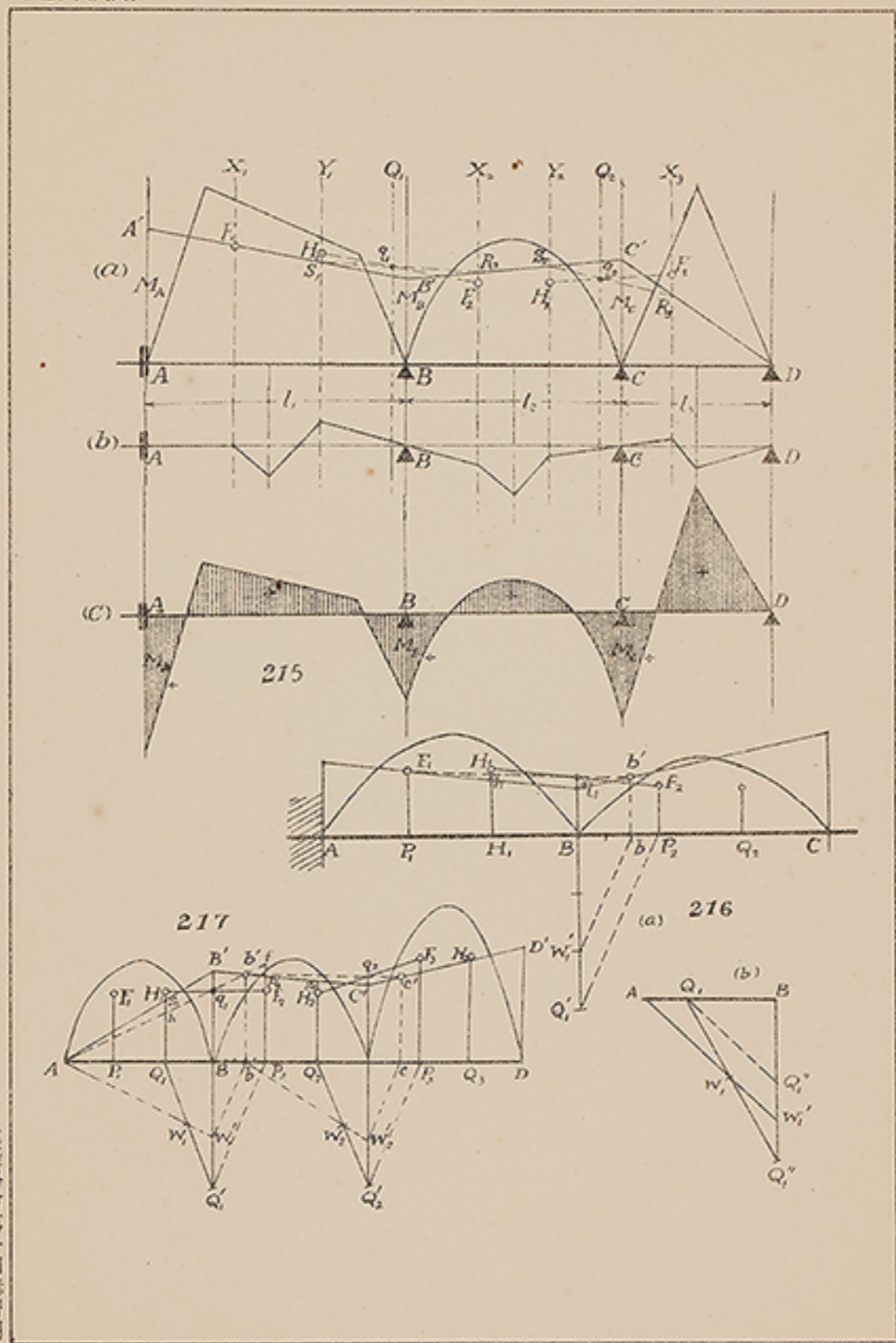


210

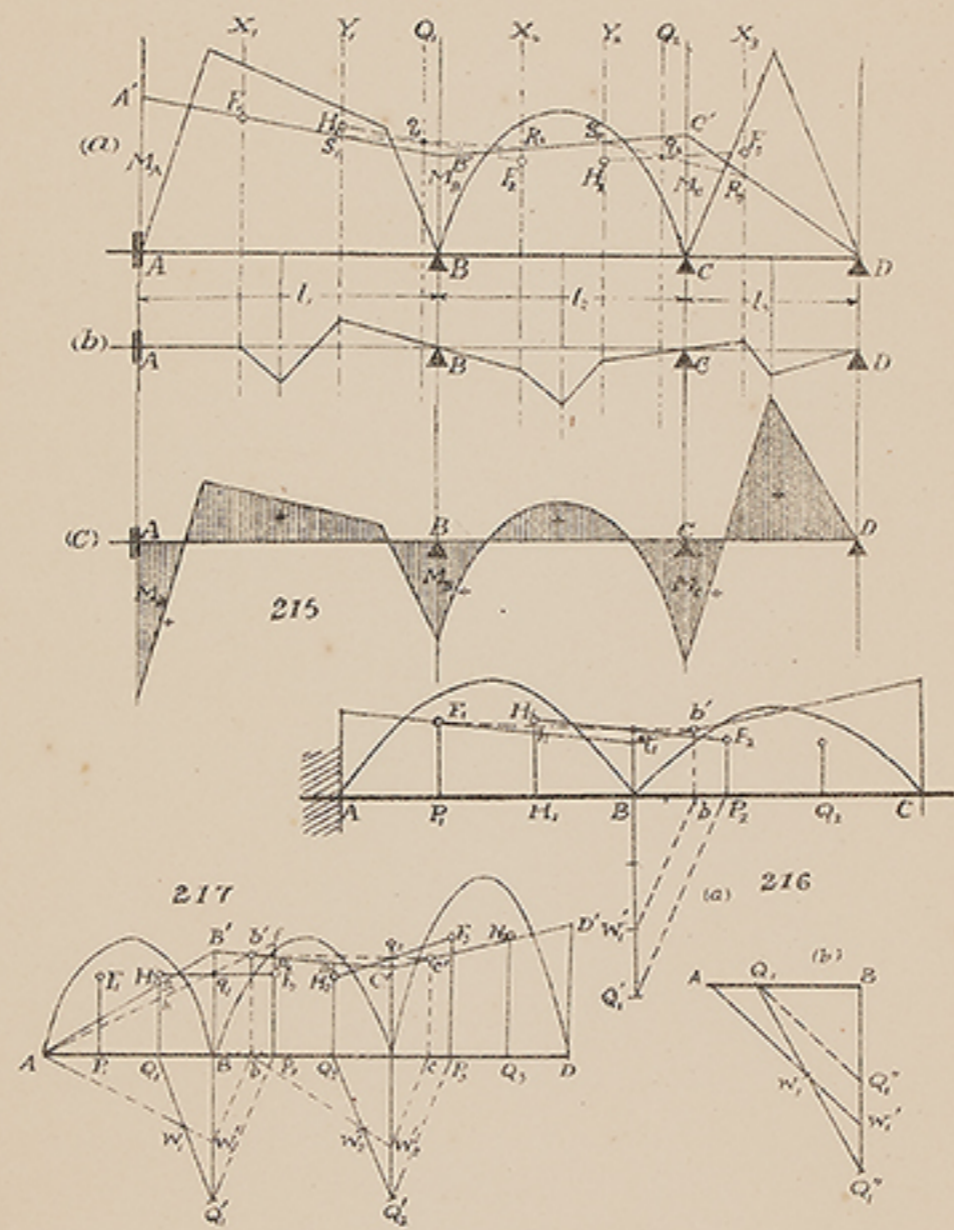


211

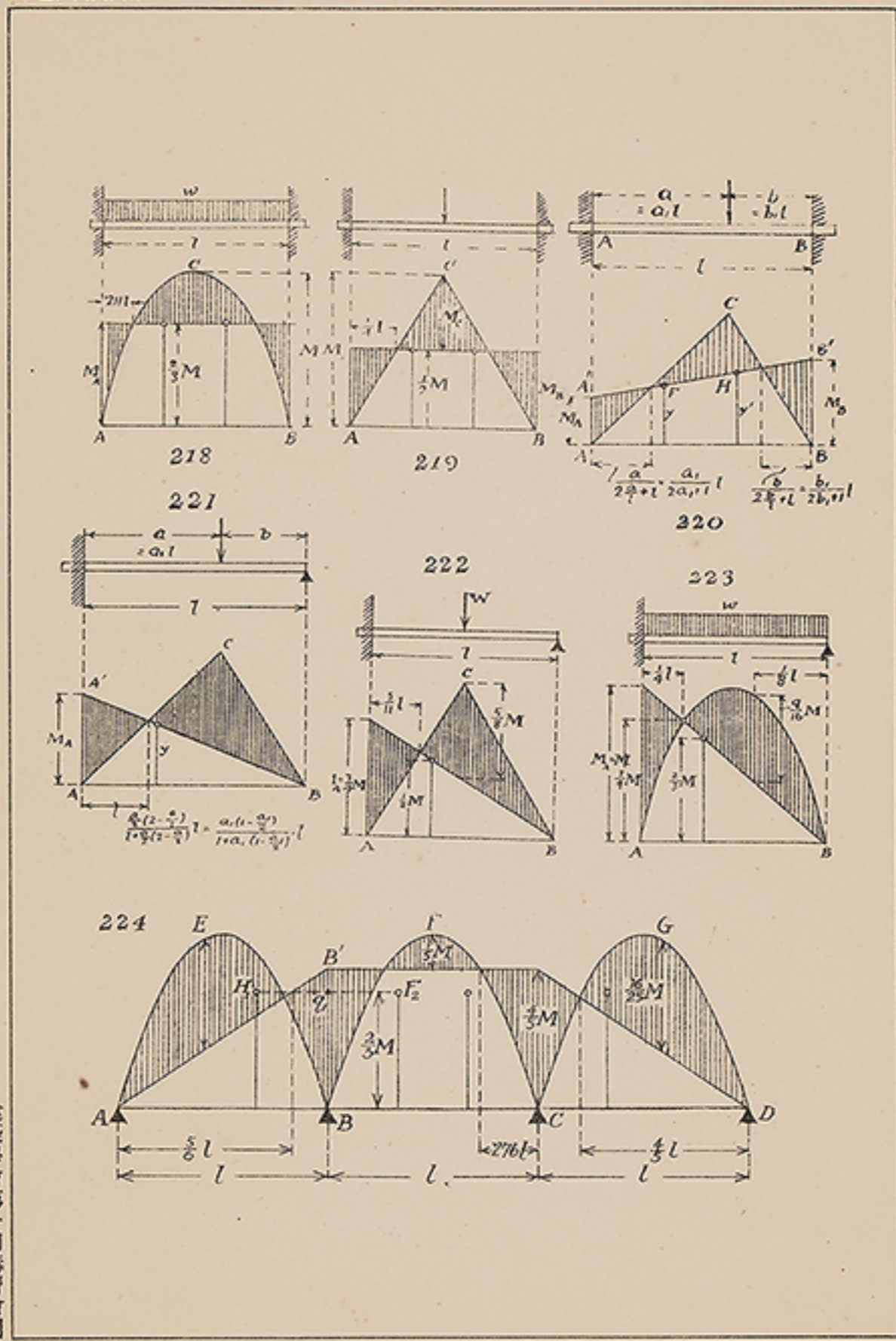
建築學會第一回講習用



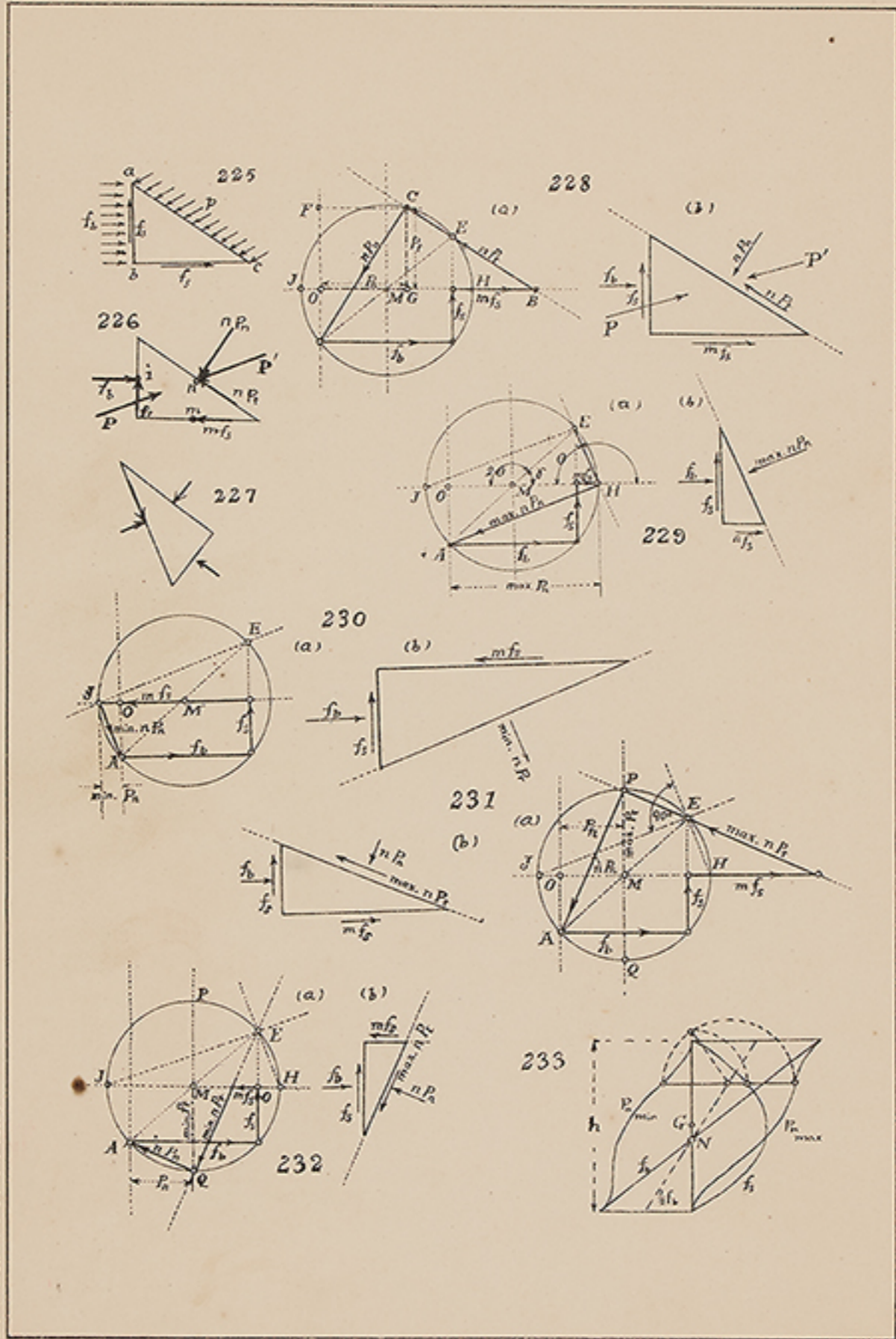
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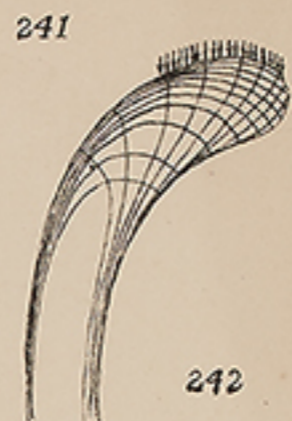
建築學會第一回講習用



建築學會第一回講習會用



建築學會第一回講習會用



242



243

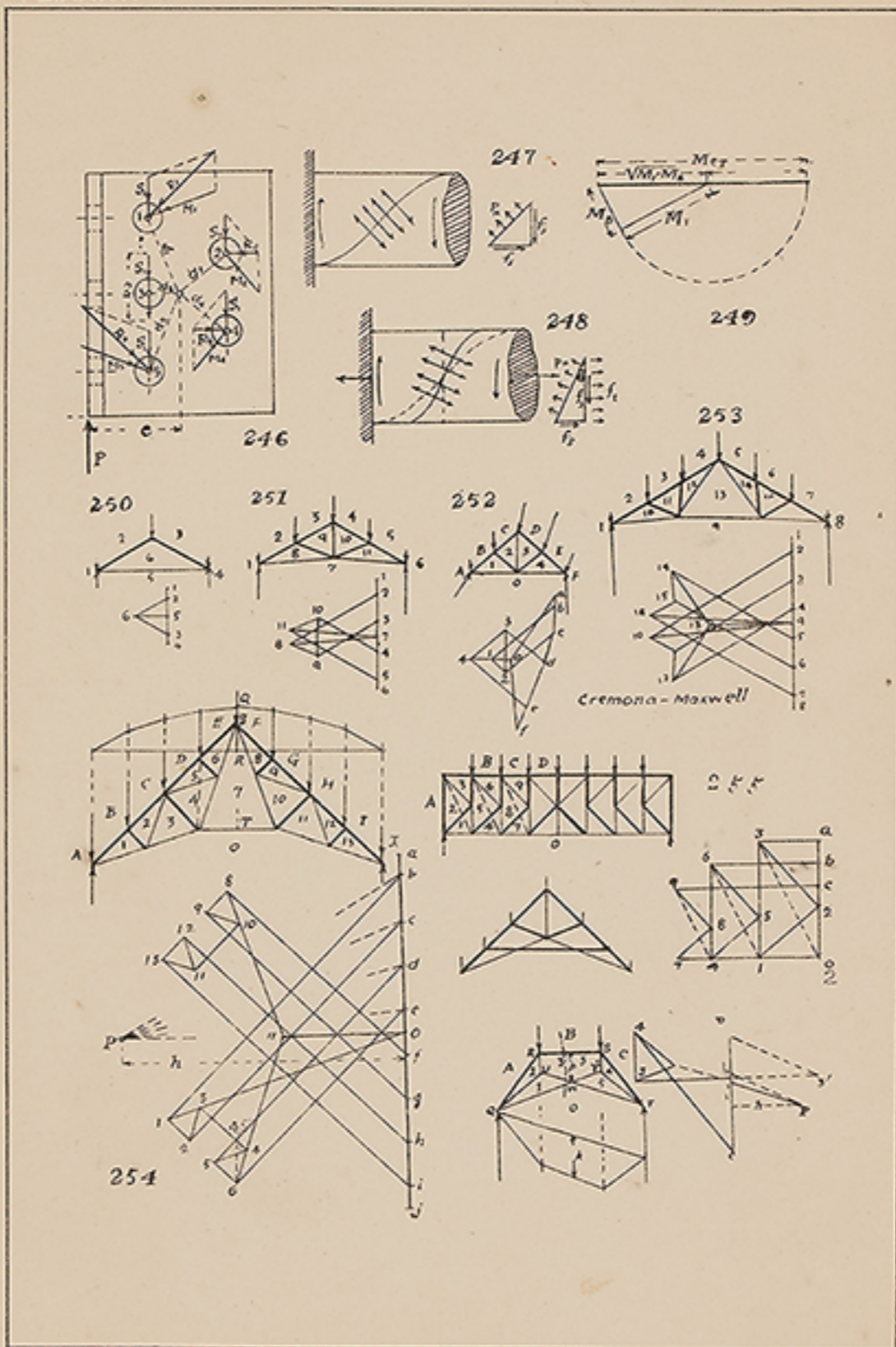


244

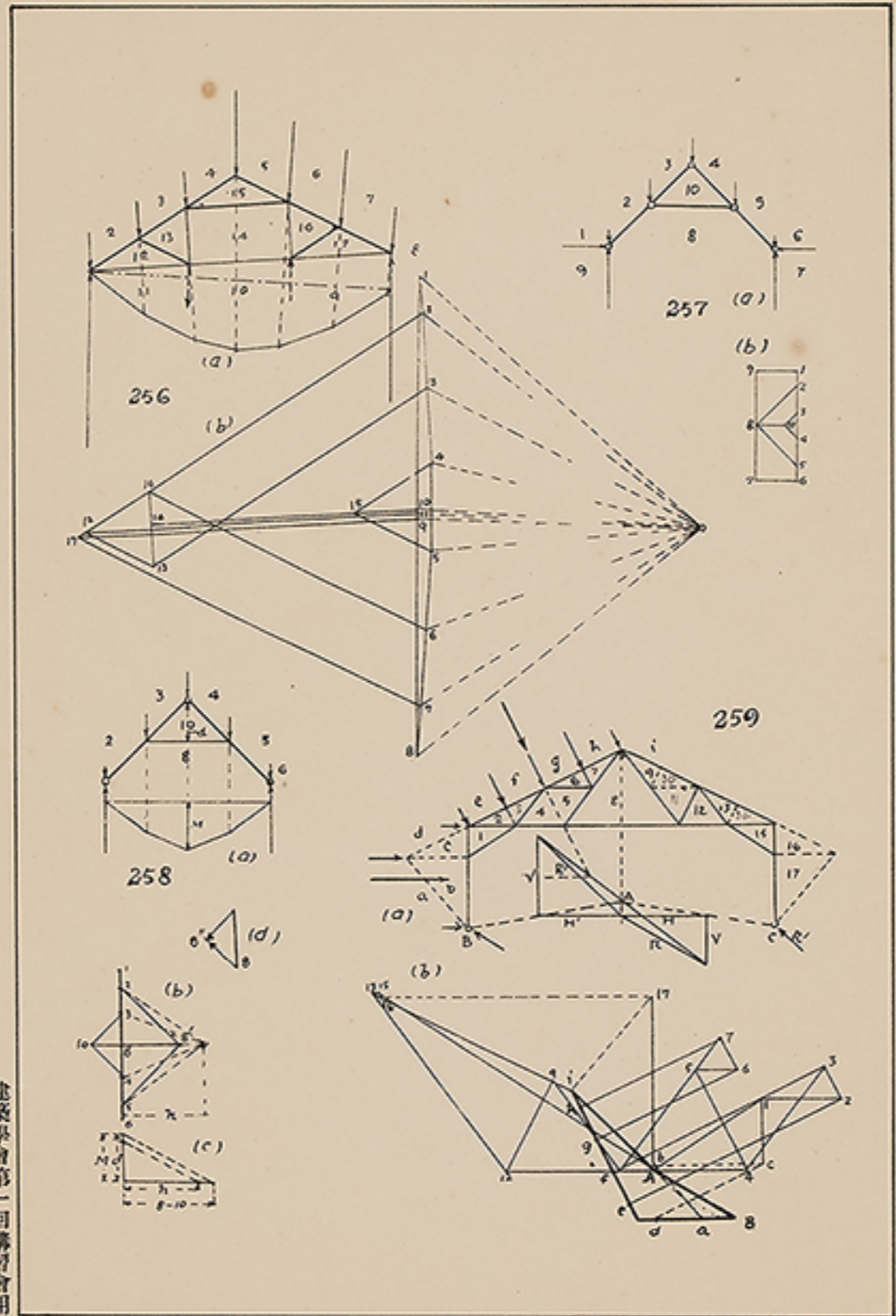
245



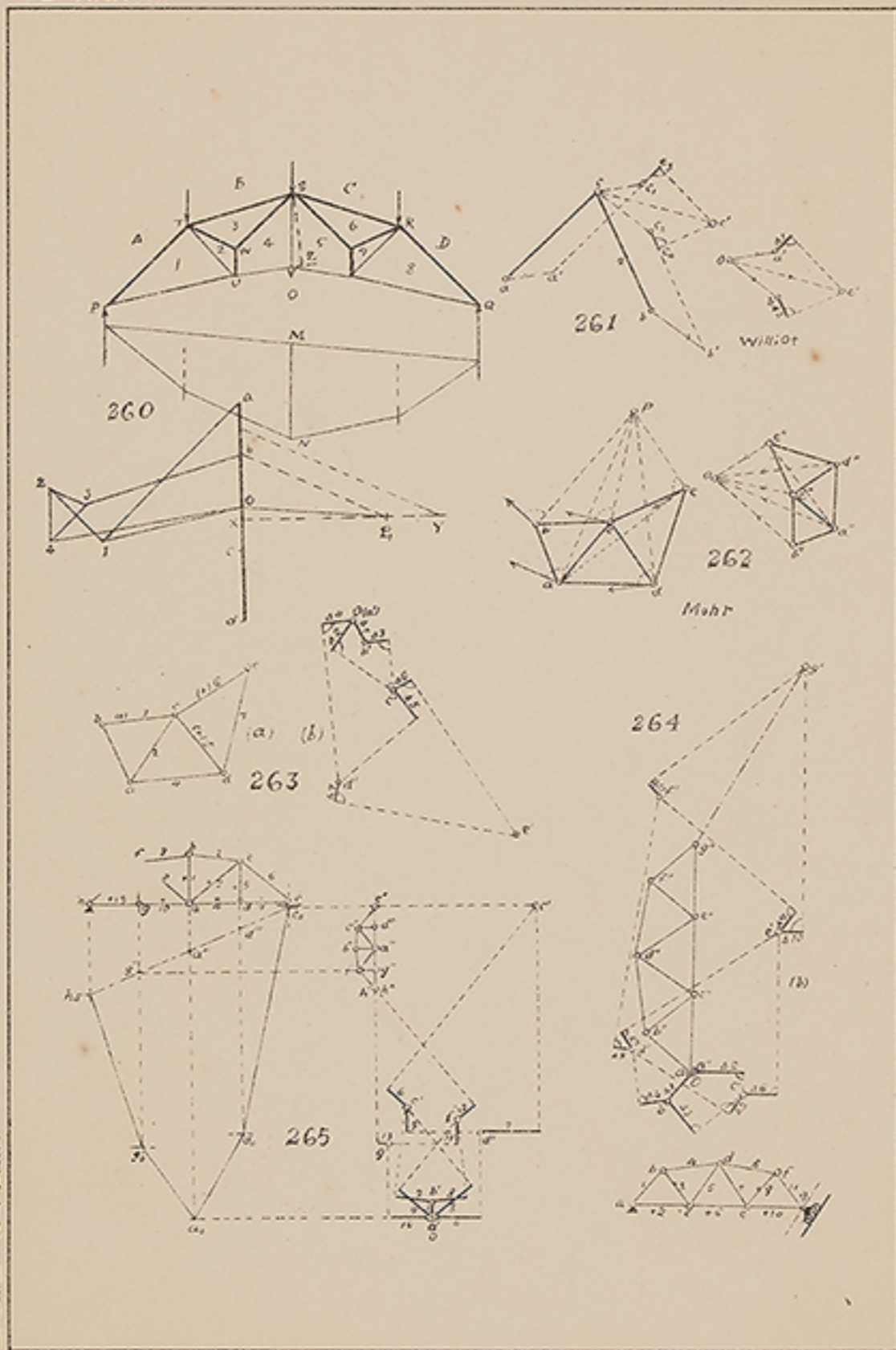
建築學會第一回講習會用



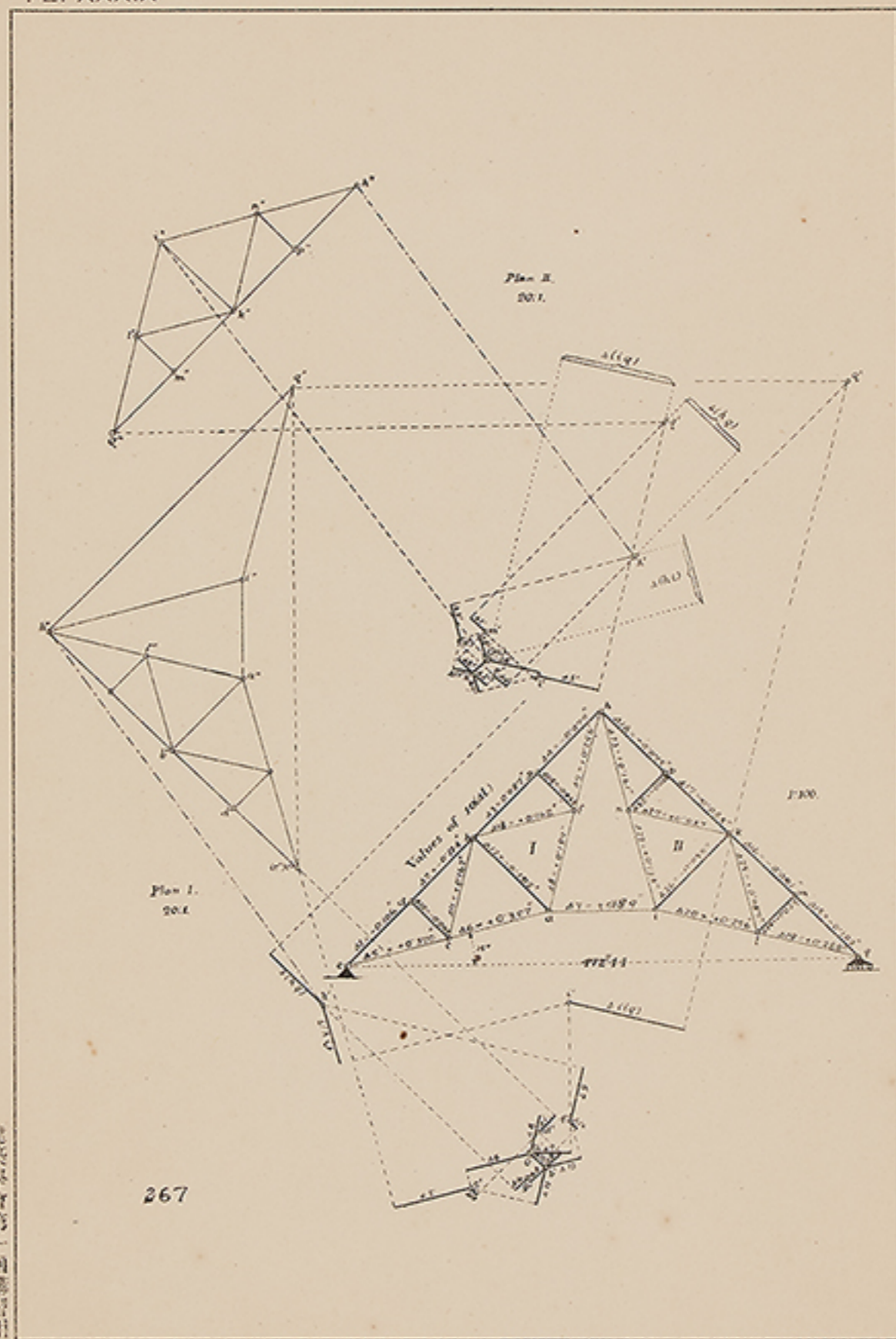
建築學會第二回講習會用



建築學會第一回講習會用

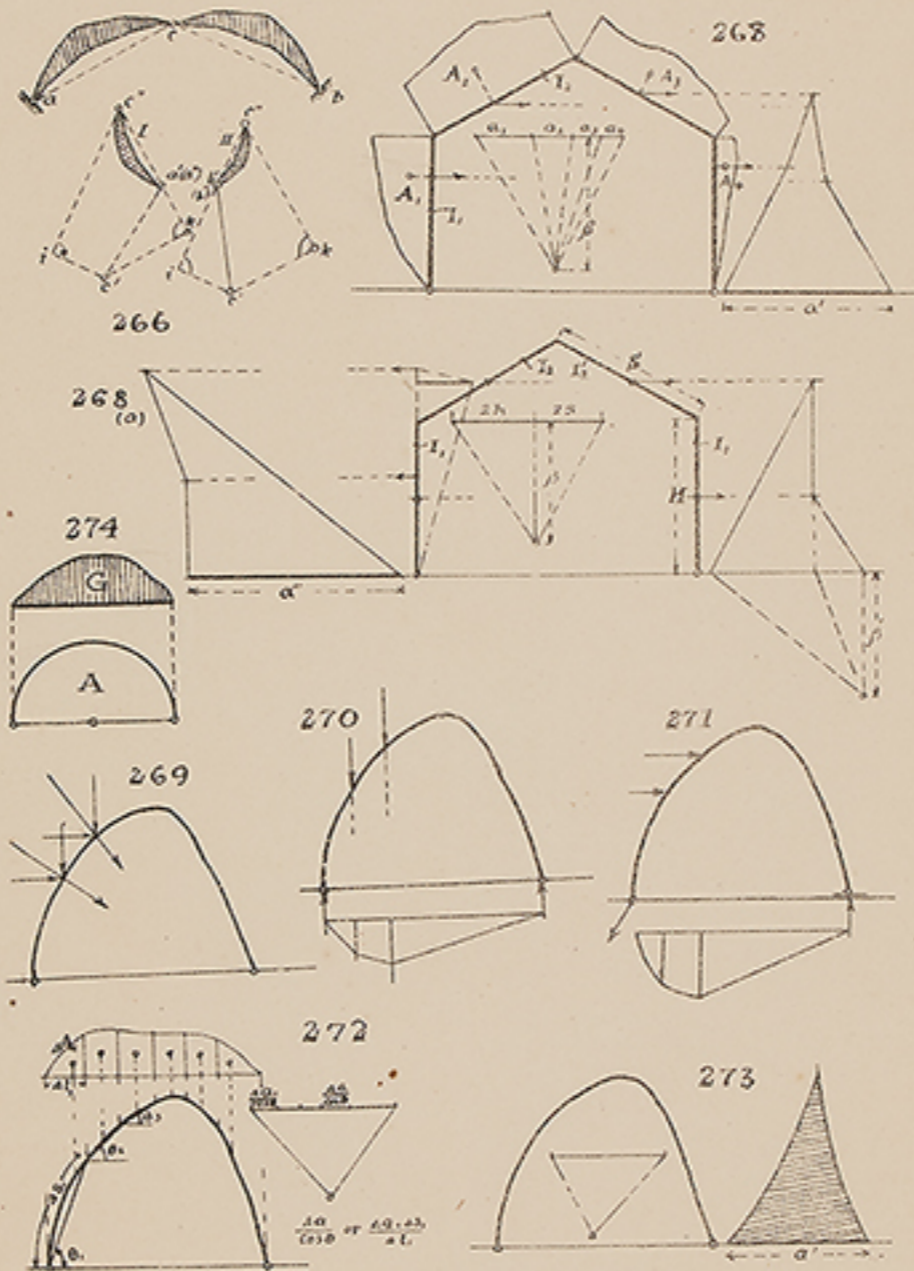


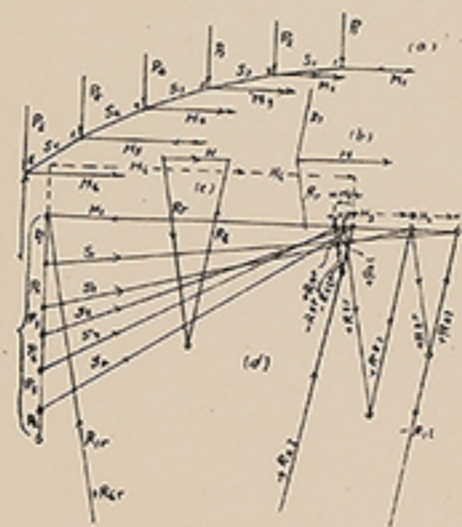
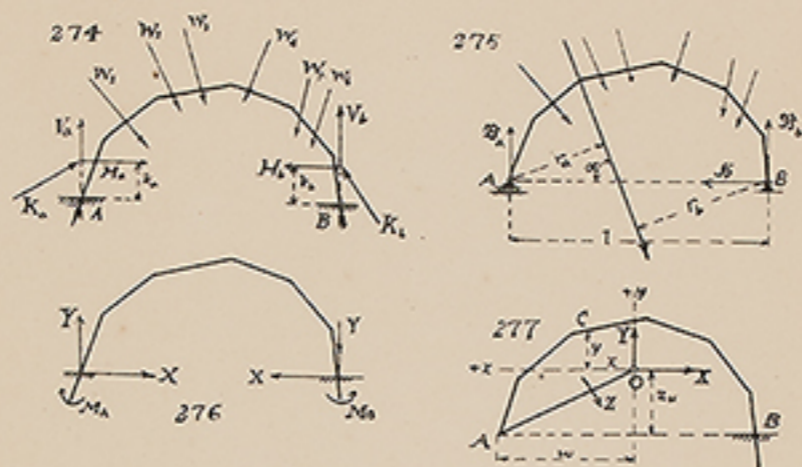
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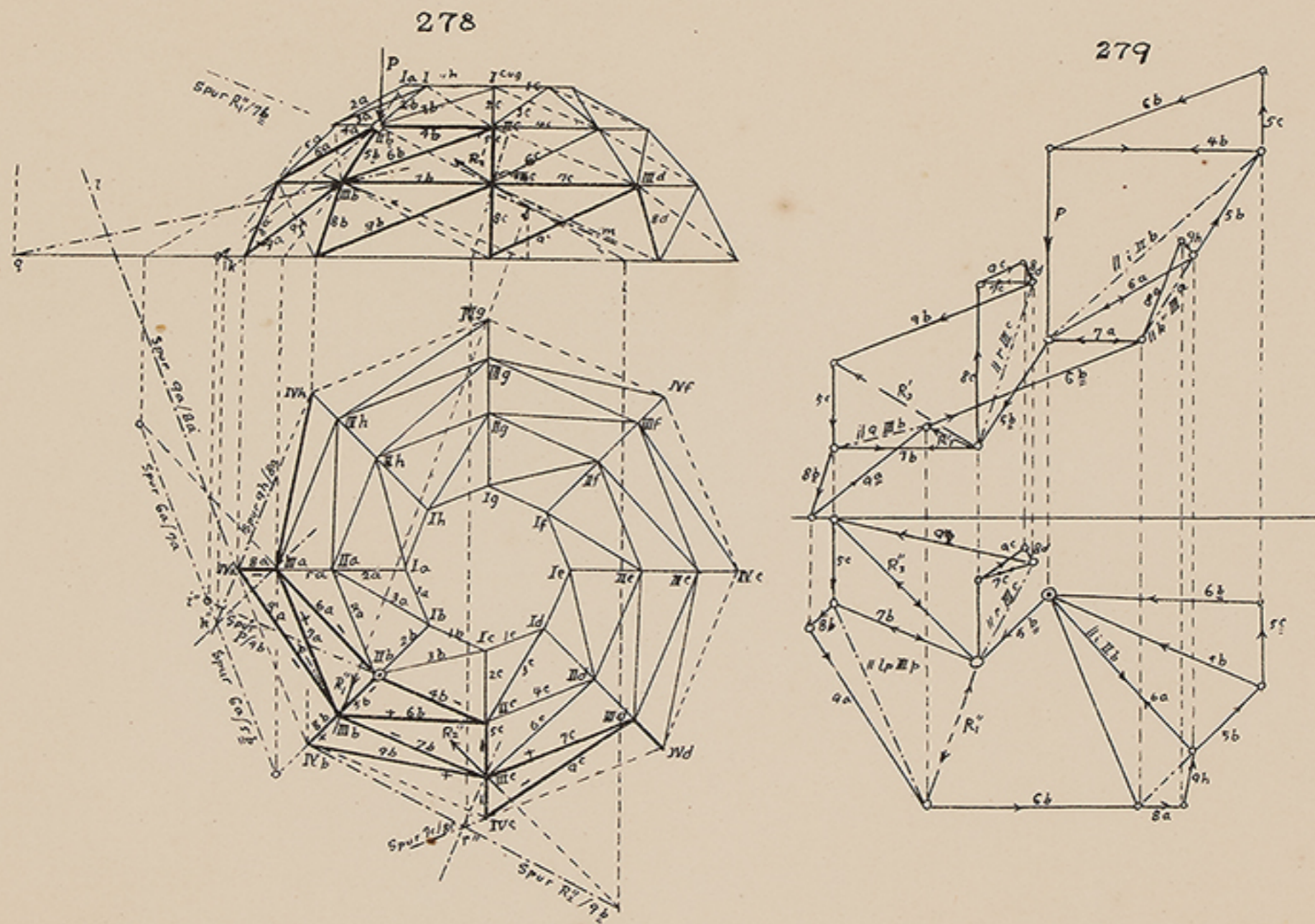


建築學會第一回講習用

267







PL. XLIII



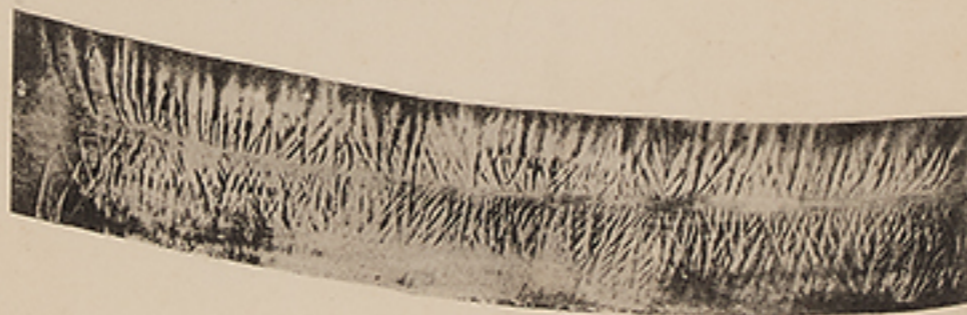
GROSSVIE MARKTHALLE, KOBLENZ.

建築学会第一回講習會用

PL. XLIV



Jubiläumshalle in Breslau



建築學會第一回講習會用