

DATED GREEK MINUSCULE MANUSCRIPTS
TO THE YEAR 1200

EDITED BY

KIRSOPP LAKE AND SILVA LAKE

III

MANUSCRIPTS IN THE MONASTERIES OF
MOUNT ATHOS AND IN MILAN

BOSTON, MASSACHUSETTS, U. S. A.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

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PREFACE

The author of this book is deeply indebted to the many friends and colleagues who have helped him in the preparation of this work. In particular, he wishes to express his appreciation to the following: [The text is extremely faint and illegible, but appears to list several names and institutions.]

To

MURIEL MORRIS GARDINER

*without whose interest and help the preparation
of this work would have been impossible*

PREFACE

THE present fasciculus contains facsimiles of the dated Greek manuscripts in the libraries of a number of Monasteries on Mt. Athos—the Holy Mountain—and in the Biblioteca Ambrosiana in Milan. At least two codices from Mt. Athos which should have been included could not be obtained, and we hope that this defect will be remedied in the final fasciculus.

We desire to express our gratitude to the sacred *Κοινότης* of the twenty monasteries of the Holy Mountain and to the Librarians of the individual Houses for their great kindness and hospitality and for their interested cooperation, without which it would have been impossible to collect this material. We also wish to thank most sincerely the Librarian of the Ambrosian Library, whose help is none the less appreciated because many years of experience have taught us to expect it.

KIRSOPP LAKE
SILVA LAKE

Paris
January, 1935

NOTE

SINCE it is inevitable that different students should wish to arrange the manuscripts included in this series in different ways it has been decided to leave the plates unbound. For purposes of publication, however, the manuscripts from each library are given in chronological order and numbered serially throughout the separate fasciculi. This serial number is repeated in the upper left-hand corner of each plate illustrating the particular manuscript to which the number refers. The plates themselves are also numbered serially, and the number of the individual plate is given in the upper right-hand corner of each.

We have reduced the descriptive material to a minimum, omitting details of exact size and such other data as may be found in the catalogues of the individual libraries. After some hesitation we included certain details, such as the colour of the ink and the quality of the parchment in each manuscript, which might seem unduly subjective.¹

The Ruling Types include, of course, many which are not found in the manuscripts described in this fasciculus. In their preparation a rigidly schematic treatment was adhered to. They are diagrams, not pictures. In particular, it would have been impossible to indicate in the diagrams whether the ruled lines ended evenly or unevenly, and whether in any particular instance the ruling was done more or less carefully. The dots indicate lines of writing for which there are no ruled lines.

Unless otherwise indicated, the plates are facsimiles, and in the few cases where this is not so there is at least a sample facsimile of the hand, or hands.

In transcribing the colophons abbreviations are expanded. The spelling of these expansions is conventionalized, although elsewhere the peculiarities of the individual scribes have been retained.

The last fasciculus will contain complete indices and the descriptions and facsimiles of any manuscripts which could not be inserted in their proper positions. We shall be extremely grateful for any information as to additions or corrections which should then be made.

¹It is to be noted that "vermilion" has been used for reds which shade toward orange, and "carmine" for those which have a bluish tinge, but in describing the mss. on Mt. Athos this distinction was often ignored.

MOUNT ATHOS

86. VATOPEDION, COD. 949

A.D. 948 (?)

PLATES 152-153

1. Tetraevangelion. 2. Ruling Type I, 35a. 3. Signatures in the bottom left-hand corner of the first recto and the bottom right-hand corner of the last verso of each gathering. A cross to the left of the center of the upper margin of the first recto of each gathering. 4. Parchment medium-thick, white. 5. Ink reddish-brown. 6. Gold initials; head-pieces and illustrations in miniature style. 7. Writing usually on the ruled line. 8. The colophon is a copy by a scribe who says that he saw the original. There are traces of erased writing on the page with the copy of the colophon,

but it is perhaps more probable that the original was on another page which loosened and the contents of which were copied in the blank space at the end of the manuscript. Professor Lake believes that the page on which the colophon was copied is an integral part of the manuscript, but the binding is so tight that this could not be determined with certainty. Colophon: *ειδον τους ετους εξαεγαρφυ εγραφυ χυρι εφραιμ μοναχου εν μεραις ιε μηνι νοεμβριω κγ ινδικτιωνος ζ ετους συνζ.*

87. DIONYSIOS, COD. 70

A.D. 955 (?)

PLATES 154-155

1. Chrysostom. 2. Ruling Type II, 1b. 3. Signatures in the lower left-hand corner of the first recto of each gathering. 4. Parchment yellowed-white, smooth, medium-thick. 5. Ink a rather pale reddish-brown. 6. Titloi and capitals in gold, initials and headpieces illuminated. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the manuscript. The thirteenth indiction occurred three times in the reign of Constantine Porphyrogennetos: 925, 940, and 955, but although he was nominally

Emperor from 913 to 959, he was overshadowed by Romanus Lecapenus until 945; therefore only 955 is a probable date for this manuscript. Colophon: *εγραφη τω ενδοξοτατω βασιλειω πατρικω και παρακοιμωμενω του φιλοχριστου και αγιου ημων βασιλεωσ κωνσταντινου του πορφυρογεννητου δια χειροσ νικηφορου νοταριου δουλου ελαχιστου μηνι ιουλιω ινδικτιωνος ιγ* 9. A note, probably in a 15th century hand, indicates that at that time the manuscript belonged to the monastery of Dionysios.

88. LAURA, COD. 157

A.D. 970

PLATE 156

1. Maximus, etc. 2. Ruling Type, II, 1h. 3. No signatures are visible. 4. Parchment dirty-yellow, smooth, thick. 5. Ink dark-brown. 6. Capitals and simple geometrical head-pieces in red; yellow wash over the titloi,

etc. 7. Writing pendent from the ruled lines. 8. The colophon is on f. 166v, and is by the first of the two hands: *τελος μαρκου μοναχου εγραφη δια χειροσ λουκα μοναχου μηνι αυγουστω η ημερα δευτερα ετους συση, ινδικτιωνος ιγ*:—

89. LAURA, COD. 446

A.D. 984

PLATES 157 AND 163

1. Psalms with commentary. 2. Ruling Type I, 36a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment yellowish, smooth, thick. 5. Ink very dark brown. 6. Capitals and head-pieces in gold, red, and blue. Traces of wash on the titloi of the catena. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the manuscript:

ποθω τετευχα ιεραν ταυτην βιβλον:—ευρυθμον ευσυννοπτον ωσ ψαλλειν θεμισ:— ιωαννης ο πολυς εν αμαρτιας:—ετελειωθη κατα την λ του αυγουστου μηνος ινδικτιωνος ιβ ετους συςβ:—

A modern hand has written at the top of the page: *ουτος ο ιωαννης ο γραψας ταυτην την βιβλον, ισως ειναι ο μαθητης ο και διαδοχος του αγιου πατροσ ημων αθανασιου, ο γραψας και την διαθηκην του· επειδη και το ετος δηλοι, και το γραψιμον ομοιαζει:—*

90. IVERON, COD. 415

A.D. 985

PLATES 158-159

1. John Climax. 2. Ruling Type, I, 2e. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment dirty-white, medium-thick. 5. Ink dark-brown. 6. Some rubrication. 7. Writing across the ruled lines, but sometimes pendent from them. 8. The

colophon is at the end in the hand and ink of the latter part of the text: *ετελειωθη η ιερα και θεια δελτος αυτη μηνι ιαννουαριω λα δγα χειρων πετρου μοναχου ταπεινου και αναξιου πρεσβυτερου εις ετος απο κτισεωσ κοσμου συγγ ινδικτιωνος ιγ ημερα ζ ωρα s.*

91. LAURA, COD. 451

A.D. 986

PLATES 160-161

1. John Chrysostom. 2. Ruling Type, II, 24a. 3. Original signatures missing. 4. Parchment rather dirty-yellow, smooth, thick. 5. Ink dark-brown. 6. Titloi and capitals in red or gold; illuminated headpieces. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the manuscript: *εγραφη η παρουσα θεοπνευστος βιβλος του εν αγιοις πατροσ ημων ιωαννου του χρυσοστομου, χειρι*

ιωαννου μοναχου ταπεινου και αμαρτωλου και ετελειωθη θεου ευδοκια, κατα την s του ενεστωτος σεπτεμβριου μηνος ινδικτιωνος ιε ετους απο κτισεωσ κοσμου, συγγ:—9. Below the colophon is an old library mark of the Laura, giving the position of the ms. on the library shelf. It is curious that this work of Chrysostom is referred to as *εναγγελικη βιβλος*.

92. LAURA, COD. 19

A.D. 992

PLATES 162 AND 163

1. Tetraevangelion. 2. Ruling Type, I, 44a. 3. Signatures missing. 4. Parchment white, smooth, medium-thick. 5. Ink dark-brown and red. 6. Eusebian canon red, Ammonian section green, capitals green or red, illuminated headpieces to each Gospel. 7. Writing pendent

from the ruled lines. 8. Colophon in the ink and a variation of the hand of the text: *ετελειωθη θεου βοηθεια, μηνι μαρτιω, η της ενεστωσης ε επινεμησης του sφ ετους οι εντυχανοντες, ευχεσθε τω γραψαντι ιωαννη μοναχω ταπεινω και αμαρτωλωι*

93. LAURA, COD. 371

A.D. 995

PLATES 164 AND 166

1. Chrysostom. 2. Ruling Type, II, 12a. 3. Original signatures missing. 4. Parchment white, smooth, medium-thin. 5. Ink dark-brown. 6. Initials and titloi in red. 7.

Writing on the ruled lines. 8. Colophon in the hand and ink of the manuscript: *τετελεσται μηνι μαρτιω ιβ ινδικτιωνος η ετους s φγ +*

94. VATOPEDION, COD. 181

A.D. 997

PLATES 165 AND 166

1. Ephraim. 2. Ruling Type, II, 4a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment dirty-yellow, smooth, thick. 5. Ink blackish-brown. 6. Rubricated titloi; one or two plain

geometrical headings in red. 7. Writing pendent from the ruled lines. 8. Colophon in the same ink and in a variation of the hand of the text: *ετελειωθει συν θεω η θεοπνευστος αυτη βιβλο[σ] μηνι ειουληνου θ ινδικτιωνος ι ετους sφε.*

95. LAURA, COD. 192

A.D. 1005

PLATES 167 AND 169

1. John Climax. 2. Ruling Type, I, 26c. 3. Signatures in the centre of the lower margin of the first recto of each gathering. 4. Parchment white, smooth, medium-thin. 5. Ink reddish-brown. 6. Titloi and capitals in pale carmine. 7. Writing pendent from the ruled lines.

8. Colophon in the hand of the text and the pale carmine ink used elsewhere in the manuscript: *εγραφη η παρουσα βιβλος, της των αρετων κλιμακος, δια χειροσ εμου του ελαχιστου εν ιερομοναχισ, κοσμα συνεργεια θεου:—και οι αναγινωσκωντες ταυτην, ευχεσθε μοι δια τον κυριον:—ετει sφιγ*

96. IVERON, COD. 46

A.D. 1007

PLATES 168 AND 169

1. Chrysostom. 2. Ruling Type, II, 22a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment white, smooth, medium-thin. 5. Ink medium-brown. 6. Some rubrication. 7. Writing pendent

ent from the ruled lines. 8. Colophon in the ink and a variation of the hand of the text: *ετελειωθη η παρουσα βιβλος μηνι φεβρουαριω ινδικτιωνος ε̄ ετει σ̄φῑε γραφεισα χειρι θεοφανους ταπεινου μοναχου* +

97. LAURA, COD. 138

A.D. 1015

PLATE 170

1. Praxapostolos. 2. Ruling Type I, 19a. 3. Signatures missing. 4. Parchment yellow, fairly smooth, medium-thick. 5. Ink dark-brown. 6. Titloi and capitals in gold; some illumination. 7. Writing pendent from the

ruled lines. 8. The colophon is in semi-uncial, in red, and is by the original hand: *ετους σ̄φκ̄γ̄ ινδικτιωνος ῑγ̄ μηνι ιουνιω κᾱ.* 9. There may be two hands in the manuscript, or both types may be variations of the same hand.

98. VATOPEDION, COD. 600

A.D. 1021

PLATES 171-172

1. Old Testament. 2. Ruling Type II, 4b. 3. Signatures in the centre of the lower margin of the first recto and the lower margin of the last verso of each gathering. 4. Parchment yellowish, medium-thick. 5. Ink reddish-brown. 6. Initials and capitals red. Small geometrical head- and tailpieces in the ink of the text. Some faint yellow wash on the titloi at the end of the books. 7. Writing

usually pendent from the ruled lines, but tends to be irregular. 8. The colophon is at the end in the ink and a variation of the hand of the text: *εγραφει δε η δελτος αυτη δια χειρος βασιλειου αναγνωστου εχρονου (?)*:—*ανθρωπου του κοιτωνος στρατιγου κυρου νικολου (?) ετει σ̄φκ̄θ̄ ινδικτιωνος δ̄ (?)*. 9. A number of pages are supplied on paper in a fifteenth or sixteenth century hand.

99. LAURA, COD. 53

A.D. 1032

PLATE 173

1. Gospel Lectionary. 2. Ruling Type I, 2c. 3. Signatures missing. 4. Parchment yellowish, much crumpled, thick. 5. Ink medium-brown. 6. Red capitals, titloi,

and musical notes. 7. Writing pendent from the ruled lines. 8. Colophon in the hand and ink of the text: *ετεληωθη μηνι ιουνιω ιε̄ ινδικτιωνος ιε̄ ημερα ε̄ ωρα γ̄ ετους σ̄φμ̄:*

100. LAURA, COD. 426

A.D. 1039

PLATES 174-175

1. Bioi. 2. Ruling Type II, 41a. 3. Signatures missing. 4. Parchment yellow, medium-thick, fairly smooth. 5. Ink medium-brown. 6. Headpieces, titloi, and capitals in red. 7. Writing pendent from the ruled lines and between the ruled lines. 8. The colophon has been re-

inked, but enough of the original can be seen to show that it is in the hand and ink of the text, and the date is clear: *ετελειωθη η παρουσα δελτος εν κωνσταντινουπολει επι βασιλεων αυτοκρατορων μιχαηλ και ζωησ̄ της πορφυρογεννητου· μηνι σεπτεμβριω ινδικτιωνος η̄· εν ετει τω σ̄φμ̄η* +

101. IVERON, COD. 16

A.D. 1042

PLATES 176-177

1. Menology. 2. Ruling Type II, 34e. 3. Signatures missing. 4. Parchment white, smooth, medium-thick. 5. Ink brown. 6. Capitals in gold; miniatures headpieces. 7. Writing pendent from the ruled lines. 8. The colophon is unquestionably a part of the original manuscript, although

it is now on a paper guard: *ετελειωθη η ιερα και ψυχωφελης αυτη βιβλος· αγωνας περιεχουσα και αθλους μαρτυρικους τε και ασκητικους· συγγραφεντας παρα συμεων του εν μακαρια τη ληξει γεγονοτος μαγιστρου και λογοθετου του δρομου· εγραφη δε παρα νικητα του πανευφημου και περιβλεπτου πατρικιον, και επι του*

θεοφυλακτου κοιτωνος. και ανθρωπου των κραταιων και θεοστεπτων
και ορθοδωων ημων βασιλειων. μιχαηλ του φιλοχριστου δεσποτου,
και ζωησ της ευσεβεστατης και πορφυρογεννητου δεσποινης· εν
ποθω πολλω και εφessei πνευματικη γεγραφοτος ταυτην την δελτον·

εν πατρι παντοκρατορι νιω τε συναναρχω, και πνευματι αγιω περασ
λαβουσα μηνι φευρουαριω εισ την ιδ̄ ινδικτιωνος δεκατης ετους
χρονικου του κοσμου συστασεως σ̄φν.

102. IVERON, COD. 258

A.D. 1043 (?)

PLATE 178

1. Chrysostom. 2. Ruling Type II, 6a. 3. Signatures missing. 4. This is a paper manuscript. There is a faint horizontal line of frame, but no water-mark. Mr. Lake disagrees with Lambros, who thinks that the hand is fifteenth century; but the paper seems to him earlier European, rather than Oriental, so that the date is doubtful. 5. Brown ink. 6. Some rubrication. 7. Writing pendent from the ruled lines. 8. The colophon is probably a copy, but may be genuine. It is in the hand and ink of the text and, if it were not that the manuscript is on paper,

there would seem to be no adequate reason for doubting the date. As it is, it is a question for an expert in paper. Colophon: *εγραφη η βιβλος αυτη του μακαριου ιωαννου του χρυσοστομου· εισ δοξαν του κυριου ημων ιησου χριστου. και εισ οικοδομιν των ακουοντων· εν τωι σ̄φνᾱ ετει ινδικτιωνος ιᾱ .:· εκ προσταξεως του κυρου σπαθαροκανδιδατου και ταξιαρχου του φαρισμανου (?)· δια χειρων θεοδοσιου μοναχου ευτελους, και πρεσβυτερου ελαχιστου· οι εντυγχανοντες. ευχεσθε υπερ ημων δια τον κυριον .:·*

103. LAURA, COD. 6

A.D. 1047

PLATE 179

1. Tetraevangelion. 2. Ruling Type not distinguishable; the parchment is very badly rubbed. 3. Signatures in the lower left-hand corner of the last verso of each gathering. 4. Parchment yellowed-white, smooth, deeply crinkled. 5. Ink dark-brown. 6. Titloi and capitals in faded red.

7. No lines distinguishable. 8. The colophon is in the hand and ink of the text: *εγραφη το ιερον και αγιον ευαγγελιον χειρι λεοντος ελαχιστου πρεσβυτερου ηγουμενου (?) του φογλου (?) μηνι φευβρουαριω κᾱ ινδικτιωνος ιε̄:—ετους σ̄φνε.*

104. LAURA, COD. 259

A.D. 1047

PLATE 180

1. Sticharion. 2. Ruling Type I, 2e. 3. Signatures in the lower right-hand corner of the last verso of each gathering. 4. Parchment dirty-yellow. 5. Ink dark-brown. 6. Geometrical headpieces in the ink of the text. 7. Writing pendent from the ruled lines. 8. Colophon in the ink and a variation of the hand of the text: *ετελειωθη*

χειρι ιωαννου μοναχου και πρεσβυτερου μηνι απριλλιω β̄ ινδικτιωνος ιε̄ ετους σ̄φνε: ημερα ε̄ ωρα σ̄: 9. There are Georgian signatures in the lower right-hand corner of the last verso and the upper centre of the first recto of each gathering. These are the first evidence of Georgian in the Laura.

105. LAURA, COD. 423

A.D. 1056

PLATE 181

1. Logoi. 2. Ruling Type II, 34e. 3. Signatures in the lower left-hand corner of the first recto and the lower left-hand corner of the last verso of each gathering. Perhaps not original. 4. Parchment yellowish, medium-thick, smooth. 5. Ink brown. 6. Titloi and simple geometri-

cal headpieces in red. 7. Writing pendent from the ruled lines. 8. Colophon in the hand and ink of the text: *τελος συν θεω του πρωτου βιβλιου αμην· μηνι οκτωβριω γ̄ ετελειωθη (?) ινδικτιωνος ῑ σ̄φξε:—*

106. VATOPEDION, COD. 59

A.D. 1064

PLATES 182-183

1. St. Basil. 2. Ruling Type I, 2b. 3. Signatures in the lower centre and the lower right-hand corner of the first recto, and the lower left-hand corner of the last verso of each gathering. Those on the rectos are in red and those on the versos in brown. Probably that in the lower centre of the first recto is the original. 4. Parchment

yellowish, medium-thick, smooth. 5. Ink brown. 6. Titloi red. 7. Writing pendent from the ruled lines, but tends sometimes to be irregular. 8. The colophon is in a paler, different ink, but is probably contemporary, and possibly in the same hand: *ετους σφοβ*.

107. VATOPEDION, COD. 919

A.D. 1068

PLATE 184

1. Tetraevangelion. 2. Ruling Type I, 25c. 3. Original signatures missing. 4. Parchment yellow, smooth, medium-thick. 5. Ink dark-brown. 6. Geometrical headpieces and titloi in red. 7. Writing pendent from the ruled lines. 8. Colophon at the end in the hand and red ink found elsewhere in the manuscript: *ετελειωθη συν θεωι η θεια και ιερα δελτος αυτη σπουδη και συναρσει του πανοσιου μοναχου γερασμου του εγκλειστου ηβηρου δια χερσ χριστοδουλου ελαχι-*

στον πρεσβυτερου του εκδουλεοντος εν τωι πανσεπτω ναωι του αγιου μεγαλομαρτυρος θεοδωρου εν λαοδικεια τη μεγαλη εν ημεραις του τρισμακαριου μητροπολιτου βασιλειου και πρωτοσυγκελλου: βασιλεοντος δε ρωμανου του διογενους εν αις ημεραις οι αθεοι τουρκοι την αυτην πολιν συν και αλλαις πολλαις επορθησαν οι αναγιγνωσκοντες ευχεσθε δια τον κυριον τω κεκτημενω και τω γραψαντι: + ετους σφος ινδικτιωνος ε μηνι απριλλιω κδ ημερα ε.

108. PANTELEEMON, COD. 27

A.D. 1072

PLATES 185-186

1. Gospel Lectionary. 2. Ruling Type II, 19d. 3. Signatures in the upper right-hand corner of the first recto, and the lower right-hand corner of the last verso of each gathering. 4. Parchment white, smooth, thick. 5. Ink brown. 6. Titloi in red, rudely colored initials, yellow wash. 7. Writing pendent from the ruled lines. 8. Colophon at the end in the hand and ink of the text: *περ μνημης και αφεσεως των αμαρτιων του δουλου του θεου νικολ-*

αου μοναχου και καθηγουμενου μονησ... του ποθω κτησαμενου την αγιαν δελτον ταυτην: εγραφη δε δια λουκα μοναχου αμαρτωλου και ασωτου: οι αναγιγνωσκοντες την αγιαν δελτον ταυτην πρεσβυτεροπαπαδο διακονου ευχεσθε υπερ εμου δια τον κυριον ει και... εσφαλα: συνγνωτε ημιν: δια τον θεον:—αμην:—ετελειωθη δε εν ετη σφπ ινδικτιωνος δεκατης επι τη αφερεση των εσθητων οφθαλμων ρωμανου βασιλεως του διογενους και τη επελευσει των αθεων τουρκων: αμην: λουκας μοναχος.

109. LAURA, COD. 190

A.D. 1078

PLATE 187

1. Old Testament Lectionary. 2. Ruling Type II, 17a. 3. Signatures in the lower left-hand corner of the last verso of each gathering. 4. Parchment dirty-yellow, smooth, thick. 5. Ink reddish-brown. 6. Titloi, capitals and musical notes in red. 7. Writing pendent from the ruled lines. 8. Colophon in the hand and ink of the text, on an

extremely dirty page: *+ χριστε βοηθει διονυσιω μοναχω και καθηγουμενω μονησ του αγιου νικολαου ης η επωνυμια... τω κτησαμενω την βιβλον ταυτην ποθω εγραφει δε δια χειρος γερασμου ταπεινου εν ετει σφπς ινδικτιωνος α επι ημερων νικηφορου βασιλεως ου η επωνυμια ο βοτανιατης +* The illegible eponym cannot be *Δοχειαριου*, as suggested in the catalogue.

110. LAURA, COD. 146

A.D. 1084 (?)

PLATE 188

1. New Testament and Psalms. 2. Ruling Type I, 25b. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment yellow, smooth, medium-thick. 5. Ink black. 6. Titloi in red. Copious illustrations. 7. Writing pendent from the ruled lines.

8. The colophon is in a different script and probably a later hand than the manuscript. It may be a copy of an original on a missing leaf. The cycle of the sun is three years wrong and the indiction one year wrong for the date given. Colophon: *εγραφη επι της βασιλειας του ευσεβεστατου και φιλο-*

χριστου κυρου αλεξιου· μεγαλου δουκα σεμβαστου του κομνηνου· επι
ετους $\overline{\sigma\phi\epsilon\beta}$ · κυκλω ηλιου, θ · κυκλω σεληνης, $\overline{\iota\eta}$ · ενδικτιωνος $\overline{\eta}$ · η
αποκρεα ιανουαριω, $\overline{\lambda\alpha}$ · νομιμον φασκα, μαρτιω, $\overline{\kappa\epsilon}$ · χριστιανον
πασχα, μαρτιω, $\overline{\kappa\eta}$ · η νηστεια των αγιων αποστολων, ημερας (?), $\overline{\lambda\varsigma}$ ·

9. The colophon is followed by a note dated 1539, saying that the manuscript was given to the Laura by the Archon Demetrius, who is described as a Christian saddle-maker from Kitros.

111. LAURA, COD. 61

A.D. 1098

PLATE 189

1. Tetraevangelion. 2. Ruling Type I, 33a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment white, smooth, medium-thin. 5. Ink reddish-brown. 6. Capitals in red, head-

pieces and initials illuminated. 7. Writing pendent from the ruled lines. 8. Colophon in the hand and ink of the text: *εγραφη αυτη η δελτος του θειου ευαγγελιου. δια χειρος λουκα μοναχου ιεροαζυ . . . (?) εν τω $\overline{\sigma\chi\varsigma}$ ετει· ενδικτιωνος $\overline{\varsigma}$ ·*

112. VATOPEDION, COD. 266

A.D. 1103 (?)

PLATES 190 AND 195

1. Ecclesiastical Canons. 2. Ruling Type I, 20a. 3. Signatures in the lower right-hand corner of the first recto of each gathering. These may not be original. 4. Parchment yellowish, medium-thick. 5. Ink dark-brown. 6. Initials in red. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the text, and is in cipher: *ετελειωθη η βιβλος· αυτη μνηι νοεμβριω· εικοστη· ογδοη*

ετους εξα·κισχιλιου· εξακοσιου· δωδεκατου· γραφεισα χειρι ιωαννου μοναχου + τέλος· συν· θεω· του νομοκανονου. This is probably a copy of the colophon of the archetype and is followed by a second colophon, not in cipher, which refers to the scribe who wrote this manuscript: *τέλος· δεδωκωσ· τω παροντι· βιβλιν· τω συντελεστη· χριστε· σοι· χαριν· νεμω· ετελειωθη· δια· χειρος· κωνσταντινου· αμαρτωλου· του· του· χωνων.*

113. VATOPEDION, COD. 925

A.D. 1105

PLATES 191-193

1. Tetraevangelion and Praxapostolos. 2. The manuscript is largely palimpsest, and was originally ruled for two columns of uncials. The present text is written straight across the page without regard for the columns, and without lines of its own. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment dirty-yellow, thick. 5. Ink black. 6. Rubricated capitals and titloi. 7. The

writing has no relation to the ruling. 8. The colophon is by the first of the two hands of the manuscript: *ετελειωθη το ιερον ευαγγελιον· ο αποστολος· και η προφητεια· τη επιτροπη του αγιωτατου μητροπολιτου και αρχιεπισκοπου αλανιασ· σωτηρωπολεωσ· κυρου ιωαννου του μοναστηριωτου· δια· χειρος· αθανασιου· αμαρτωλου· μοναχου· και· πρεσβυτερου· μνηι· αυγουστω· ιε· ενδικτιωνος· ιγ· ετους· $\overline{\sigma\chi\iota\gamma}$ ·*

114. LAURA, COD. 58

A.D. 1118

PLATES 194 AND 195

1. Acts and Epistles. 2. Ruling Type II, 32a. 3. Signatures missing. 4. Parchment yellow, medium-thick. 5. Ink black. 6. Capitals and headpieces in red. Rude illumination at the beginning and end. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand

and ink of the text: *ετελειωθη· κατα· τον· αυγουστον· μην· α· . . . (?) της· ανισταμενης· ια· ενδικτιωνος· του· ετους· $\overline{\sigma\chi\kappa\varsigma}$ · ημερα· πεμπτη· ωρα· $\overline{\theta}$ ·, δια· συνεργιας· πατρος· υιου· και· αγιου· πνευματος· δια· τον· κυριον·, ευχεσθαι· τον· (sic)· εκ· ποθου· πολλου· τουτω· κτισαντι· ιωαννη· τω· πεντακλησιωτη·:-*

115. VATOPEDION, COD. 960

A.D. 1128 (?)

PLATES 196 AND 208

1. Tetraevangelion. 2. Ruling Type I, 27a. 3. Original signatures missing. 4. Parchment white, medium-thick. 5. Ink reddish-brown. 6. Titloi and initials in gold.

Headpieces to each Gospel and portraits of the Evangelists illuminated. 7. Writing pendent from the ruled lines. 8. The colophon is not by the same hand but is possibly

contemporary. It does not give the date of writing the manuscript, but says that it belonged to "John." He may have had it made for him. Colophon: *η παρουνσα δελτοσ εγενετο ιωαννου του εκ γενουσ ολυντηνων του γεγονοτος δομεστικου*

της αυτοκρατορισης και βασιλισσης κυρας ειρηνης της συζυγου του κραταιου βασιλεως του πορφυρογεννητου κυρου ιωαννου του κομνηνου· εν ετει σϛλς ινδικτιωνος ς·

116. DIONYSIOS, COD. 8

A.D. 1133

PLATES 197-198

1. New Testament. 2. Ruling Type I, 33a. 3. Signatures missing. 4. Parchment white, smooth with dull finish, thin. 5. Ink reddish-brown. 6. Lection notes, titloi in red. Illuminated headpieces and illustrations. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the text: *ετελειωθη η παρουνσα βιβλος*

χαριτι χριστου· εν ετει τω σϛμα· ινδικτιωνος ια· μηνι απριλλιω λ· ωρα γ· της ημερας τω πεντεκαιδεκατω ετει της βασιλειας κυρου ιωαννου και πορφυρογεννητου του κομνηνου· και ειρηνης της ευσεβεστατης αυγουστης, δια χειρος του αμαρτωλου θεοκτιστου. 9. A note in a later hand seems to state that this manuscript actually belonged to Dionysios himself.

117. DIONYSIOS, COD. 83

A.D. 1137

PLATE 199

1. Bioi. 2. Ruling Type I, 31b. 3. Signatures near the centre of the lower margin of the first recto and last verso of each gathering. 4. Parchment yellowish, fairly smooth, medium-thick. 5. Ink reddish-brown. 6. Capitals and titloi in red. 7. Writing pendent from the ruled

lines. 8. The colophon is in the hand and ink of the text: *ετελειωθη η παρουνσα δελτοσ· δια χειρος αρσενιου μοναχου του επικλην, σπαστρικου· μηνι ιουλιω κς· ινδικτιωνος ιε· ημερα δευτερα· επι βασιλειας ιωαννου του πορφυρογεννητου και κομνηνου· πατριαρχουντος του αγιωτατου λεοντος του στουπης.*

118. ESPHIGMENOU, COD. 25

A.D. 1129

PLATES 200-201

1. Tetraevangelion. 2. Ruling Type II, 25a. 3. Original signatures missing. 4. Parchment yellowish, medium-thick. 5. Ink brown. 6. Letter to Carpian in red. 7. Writing pendent from the ruled lines. 8. The date is not given in a true colophon, but is fixed by the following verses:

*εγω γε λεων ο χθαμαλος ζευση·
ψυχη και γνωμη ταυτην επεκτησαμην·
τα εσω τε και εξω καθ'ωραϊσας·
νω φιλτατω και εμοι βασιλειω·
ταυτην δωρουμαι φιλοτιμωσ και νεμω·*

*εις [σ]κεπην εισ φρουρησιν εισ σωτηριαν·
αυτου και συντηρησιν παντας αιωνας·
εβδομον δ'ηγεν· ο αιων τοτε ετος·
και τριακοστον· εξακοσιοστον τε.
και χιλιαδας· εξ προδιηνυσμενας·
οτε δακτυλοις θεοδωρου εξυσθη·
αλητρου ευτελους τε και ελαχιστου·
εις δοξαν πατρος υιου τε και του θειου·
πνευματος αμα· και ψυχης σωτηριαν·
λεοντος λαμπρου· του και κτητορος αυτης.*

119. VATOPEDION, COD. 879

A.D. 1151 (?)

PLATES 202-203

1. Lectionary. 2. Ruling Type II, 23b. 3. Signatures missing. 4. Parchment yellowish, thick. 5. Ink reddish-brown. 6. Initials and titloi in red. 7. Writing pendent from the ruled lines. 8. The colophon is not a proof of the date when the manuscript was written, but may be in the owner's hand, and we think means that it was writ-

ten for the man who donated it: *αφιερωθη το παρον αγιον ευαγγελιον παρα μαρκου ιερομοναχου υπερ μνημης αυτου και των αυτου γονεων· ος εσχεν την γεννησιν αυτου απο καστρου βρυας (?) εν ω και η παρουνσα δελτοσ αφιερωθη· μηνι μαρτιω ινδικτιωνος ιδ· ετει σϛνθ.*

120. VATOPEDION, COD. 19

A.D. 1155

PLATE 204

1. Antiochus the monk. 2. There is no ruling for the present writing. The manuscript is a palimpsest taken from various codices. 3. Signatures in the lower right-hand corner of the last verso of each gathering. 4. Parchment dirty-yellow, thick. 5. Ink black. 6. Capitals and titloi in red, some yellow wash. 7. There are no lines for the writing. 8. The colophon is at the end, in the hand of the text immediately preceding it: *ετελειωθη συν θεω το παρον*

*βιβλιον, μηνι απριλλιω ... ημερα δευτερα· ωρα δεκατη ετους
σχξγ ινδικτιωνος γ επι της βασιλειας του πορφυρογεννητου κυρου
μανουηλ πατριαρχουντος του αγιωτατου κυρου κωνσταντινου του
χλιαρινου ηγουμενευοντος τηνικαυτα της καθ' ημας σεβασμιας
μονης του βρηχειφαγου, του μοναχου κλεοντος εμου του ευτελους
μοναχου ρουφιου του γραφεως, παρ αυτου προ
. θεντος εν αυτη τη μονη εν τη διακονια του οικονομου.*

121. PANTELEEMON, COD. 31

A.D. 1180

PLATES 205-206

1. Lectionary. 2. Ruling Type II, 19c. 3. Signatures in the centre of the lower margin of the first recto and last verso of each gathering. Those on the recto and those on the verso are not by the same hand, but it is uncertain which is earlier, or whether they are contemporary. 4. Parch-

ment dirty-yellow, rather thick, much crumpled. 5. Ink dark-brown. 6. Capitals and titloi in red. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the text: *εγραφη δια χηρος ιωαννου αναγνωστου
του σαρκηκα μηνι μαιω δ' ινδικτιωνος ιγ. ετος σχπη.*

122. PANTELEEMON, COD. 20

A.D. 1193

PLATES 207 AND 208

1. Psalter. 2. Ruling Type I, 9a. 3. Signatures missing. 4. Parchment dirty-white, thick. 5. Ink dark-brown. 6. Capitals and notes in red. One poorly executed, illuminated headpiece. 7. Writing pendent from the ruled lines. 8. The colophon is in the red ink used

elsewhere in the manuscript, and in a variation of the hand of the text: *μηνι νοεμβριω ινδικτιωνος ιβ ετους σψβ εγραφη το
παρον ψαλτηριον δια του αμαρτωλου και αμοναχου παυλου επι της
βασιλειας των ευσεβεστατων βασιλεων ισαακιου του αγγελου
και μαριας της αυγουστης (?)*.

123. IVERON, COD. 38

A.D. 1200

PLATE 209

1. Catena. 2. Ruling Type I, 2a. 3. Signatures in the upper right-hand corner of the first recto of each gathering. 4. Parchment yellowish, medium-thick to thick. 5. Ink black. 6. Rubrication. 7. No rulings for the

writing. 8. The colophon is in the hand of the text in pale vermilion: *εγραφη η παρουνσα δελτος τω τιμιωτατω εν μοναχοις
κυρω θεοδουλω εν τω σψη ετει ινδικτιωνος γ:—*

MILAN, BIBLIOTECA AMBROSIANA

124. COD. F. 12. SUP.

C. A.D. 961

PLATE 210

1. Psalter with Commentary. 2. Ruling Type I, 36a. 3. Signatures missing. 4. Parchment ivory-white on flesh side, much yellowed on hair side. Medium thick to thin, smooth. 5. Ink medium to dark-brown, carmine. 6.

Paschal tables and one headpiece illuminated. Capitals in gold or carmine, or a combination of both. 7. Writing pendent from the ruled lines. 8. There is no colophon. The date is obtained from the Paschal tables.

125. COD. B. 106. SUP.

C. A.D. 966

PLATES 211-212

1. Psalter with Commentary. 2. Ruling Type I, 21a. 3. Signatures in the lower left-hand corner of the first recto and lower right-hand corner of the last verso of each gathering. 4. Parchment yellow, chalky, thick. 5. Ink pale-brown and pale-carmine. 6. Paschal tables, titloi, capitals,

and incipits in carmine. 7. Writing usually pendent from the ruled lines, though carelessly written, and sometimes sprawling across the rulings. 8. There is no colophon. The date is obtained from the Paschal tables.

126. COD. B. 56. SUP.

A.D. 1022

PLATE 213

1. Tetraevangelion. 2. Ruling Type II, 7b. 3. Signatures missing. 4. Parchment ivory-white on flesh side, slightly yellow on hair side, smooth, not glossy, medium-thick to thick. 5. Ink dark-brown, blue, and vermillion. 6. Crudely miniatures initials and headings to each Gospel. Large capitals in blue and vermillion. Small capitals in vermillion. Eusebian canons and Ammonian sections in

blue and vermillion. Brown and blue wash. 7. Writing pendent from the ruled lines. 8. The colophon is at the end in the hand and ink of the text: *εγραφη συν θεω· η βιβλος ταυτη των αγιων και αχραντων ευαγγελιων· ετους σφλα ινδικτιωνος ε· εισ τας κθ δεκεμβριου μηνος· η χειρ μεν η γραψασα. σηπετε ταφωι· γραφη δε μενει, προσ χρονους· πληρεστατους· ημερα ζ ωρα θ.* The indiction is one year wrong for the date given.

127. COD. A. 152. SUP.

A.D. 1070

PLATES 214-216

1. John Climax. 2. Ruling Type I, 28a. 3. Signatures in the lower left-hand corner of the first recto and the lower right-hand corner of the last verso of each gathering. 4. Parchment yellowed-white, much soiled, medium-thick to thick, slippery. 5. Ink medium to dark-brown,

and faded carmine. 6. Tables, capitals, and geometrical headings in carmine. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the text: *γραψαντι προσταξαντι χριστε μου σωσον κοσμα ειηρω, και πετρω το γραφαιω ινδικτιωνος η σφση.*

128. COD. C. 186. INF.

A.D. 1073

PLATES 217-218

1. Bioi. 2. Ruling Type II, 25b. 3. Signatures missing. 4. Parchment grayish-white on flesh side, yellowed on hair side, very crackly, medium-thick to thick. 5. Ink medium to dark brown, and faded carmine. 6. Capitals, titloi, and geometrical headpieces in faded carmine. 7. Writing pendent from the ruled lines. 8. The colophon is

at the end in the hand and ink of the text: *εγραφη και ετελειωθη συν θεω η βιβλος αυτη· εν τη μονη τη ουτω επονομαζομενη της ανω παναγιας· εν τω νησσιω της χαλκηδος· δια χειρος κλημεντος μοναχου της αυτης μονης· μηνι μαρτιω ινδικτιωνος ι· ετους σφπα.*

129. COD. F. 100. SUP.

A.D. 1113

PLATES 219-220

1. Bioi and Apophthegmata. 2. Ruling Type I, 2c. 3. Signatures missing. 4. Parchment yellow and badly discolored, crackly, most of the folia thick and hard, many with holes. 5. Ink dark-brown. 6. Some capitals and one geometrical heading in the ink of the text, filled in

crudely with red and green. 7. Writing pendent from the ruled lines. 8. Due to a series of accidents we have as yet been unable to obtain a photograph or transcription of the colophon.

130. COD. M. 57. SUP.

A.D. 1120 (?)

PLATE 221

1. Commentary on the Psalms. 2. Ruling Type I, 1c. 3. Signatures missing. 4. Parchment yellow, stiff, medium-thick to thick. 5. Ink pale to medium-brown, carmine. 6. Capitals in carmine in most of the manuscript, but between Folio 126 and Folio 140 in the ink of the text, filled in with brown wash. Some yellowish wash over titloi, etc. 7. Writing pendent from the ruled lines. 8. The date is

given in the middle of the text without variation in the hand or ink, in the following rather confused statement, and need not be the date of the ms.: *απο του αδαμ εως της παρουσιας του χριστου του θεου ημων ετη εφ' και απο του χριστου εως του νυν σφ'γ' και απο του αδαμ εως του νυν ετη σ'χκη· ινδικτιωνος γ'—* To fit the year the indiction should be *ιγ*.

131. COD. I. 9. SUP.

A.D. 1142

PLATE 222

1. Anastasius Sinaita. 2. Ruling Type I, 10b. 3. Signatures missing. 4. Parchment smooth, medium-thick, discolored. 5. Ink medium to very dark-brown, vermilion. 6. Geometrical headpieces and titloi in vermilion,

yellow, and brown. Capitals vermilion. 7. Writing irregularly pendent from the ruled lines. 8. Colophon in vermilion in what may be a variation of the hand of the text: *εγραφη χειρι νικολαου πρεσβυτερου σ'χν*.

132. COD. E. 101. SUP.

A.D. 1150

PLATES 223-224

1. Theodore the Studite. 2. Ruling Type I, 2c. 3. Signatures in the lower right-hand corner of the first recto of each gathering. 4. Parchment of very poor quality, mostly thick folia which have grown almost brittle, very much yellowed and soiled, hair side rough and hair-marked. 5. Ink black and faded carmine. 6. Capitals in carmine and

the ink of the text. Titloi in carmine, one geometrical headpiece in blue with brown wash. Some brown wash throughout the volume. 7. Writing pendent from the ruled lines. 8. The colophon is in the hand and ink of the text: *ετους σ'χνη· ινδικτιωνος ιγ*. 9. This is in part a palimpsest.

133. COD. P. 121. SUP.

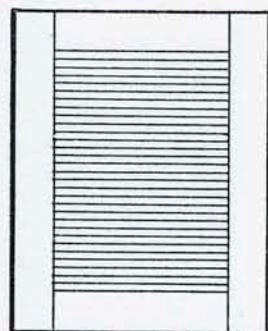
A.D. 1167 (?)

PLATE 225

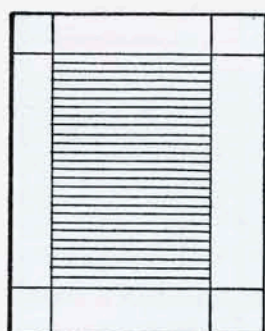
1. Menology. 2. No ruling. 3. Signatures in the lower right-hand corner of the first recto and the lower left-hand corner of the last verso of each gathering. 4. Paper. 5. Ink medium-brown and carmine. 6. Large initials and chapter-headings in faded carmine. 7. No ruling for the writing. 8. The date applies only to the leaves inserted at

the beginning and end of the manuscript, and is, in any case, not that of the time at which the manuscript was written, but simply a part of the text, which also refers to John Cantacuzene who reigned from A.D. 1344 to A.D. 1355. The writing therefore is not earlier than the middle of the fourteenth century.

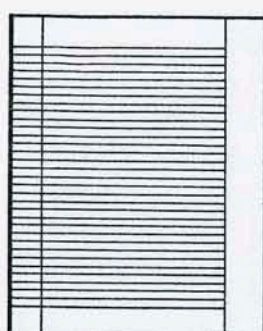




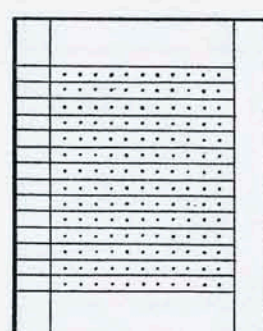
I,1a



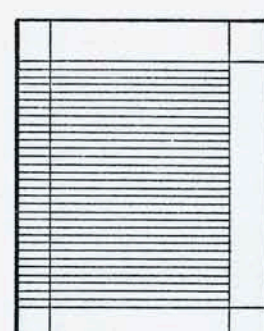
I,1b



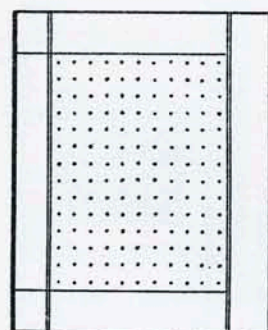
I,1c



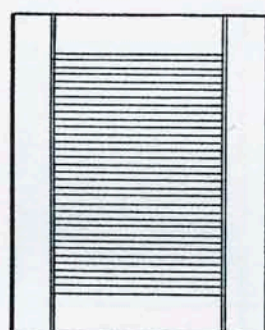
I,1d



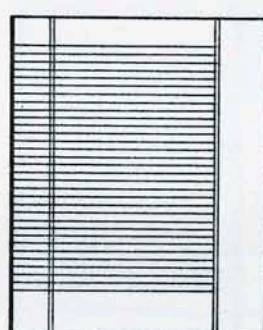
I,1e



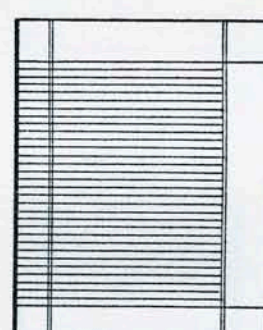
I,2a



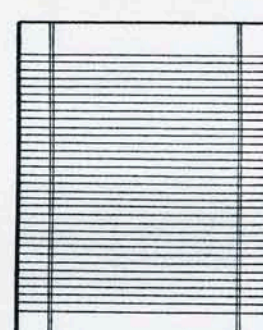
I,2b



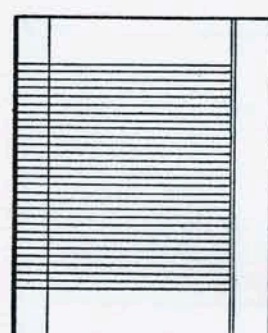
I,2c



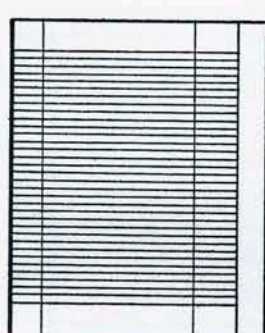
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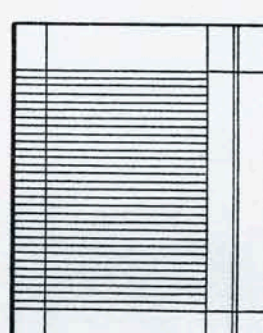
I,2e



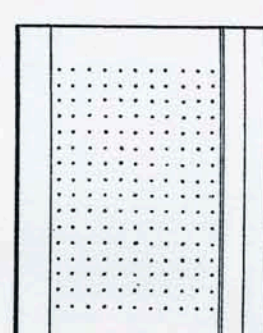
I,3a



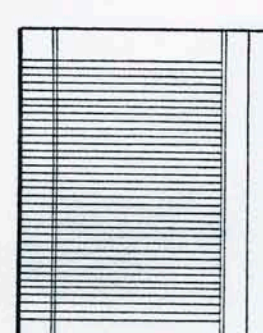
I,4a



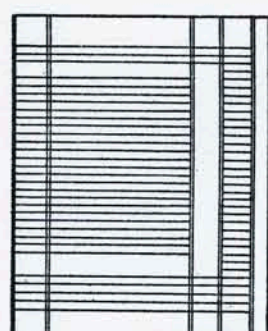
I,5a



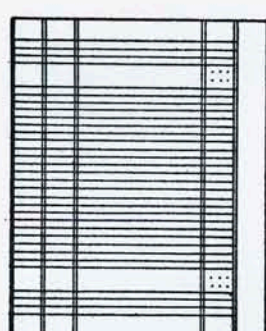
I,6a



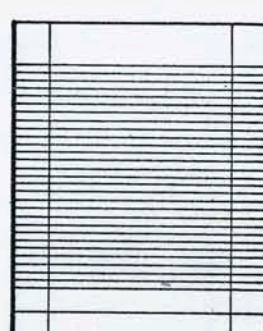
I,7a



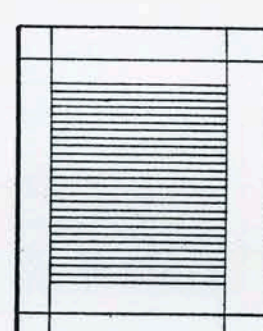
I,8a



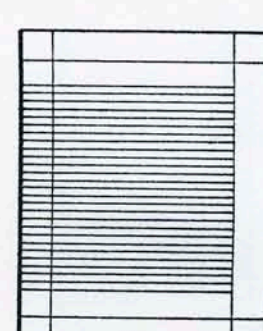
I,8b



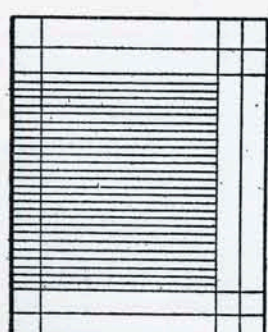
I,9a



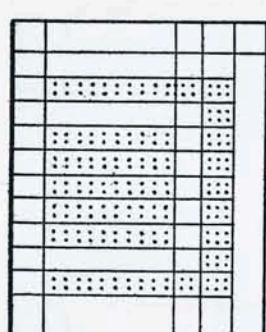
I,10a



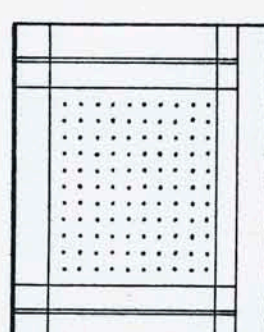
I,10b



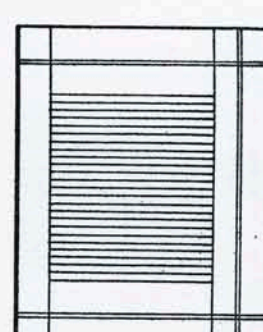
I,11a



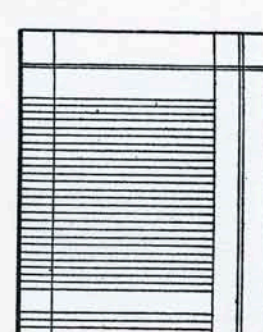
I,12a



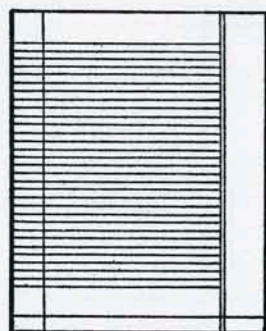
I,13a



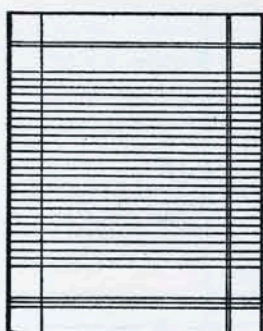
I,14a



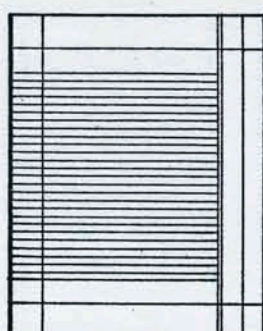
I,15a



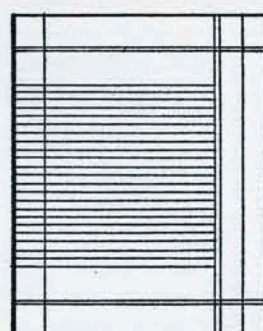
I,16a



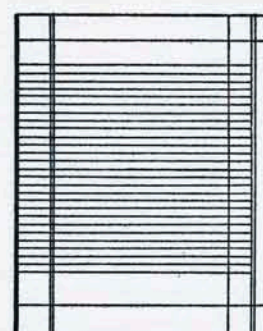
I,17a



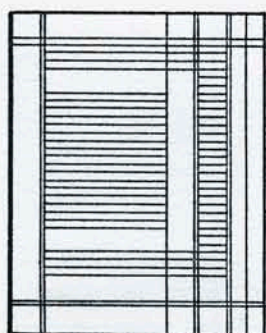
I,18a



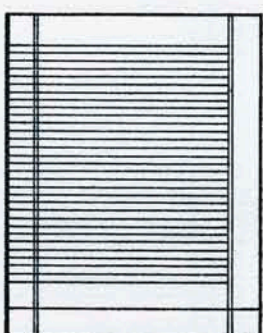
I,19a



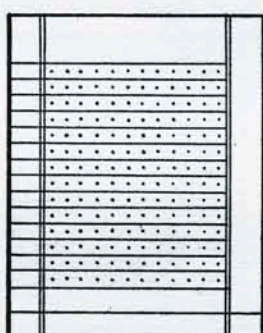
I,20a



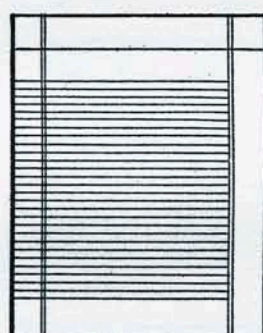
I,21a



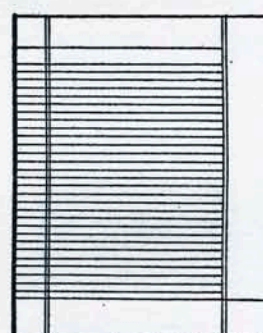
I,22a



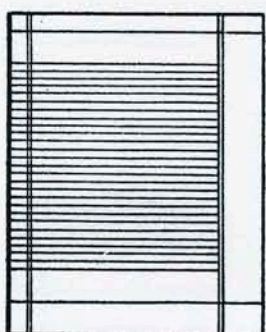
I,22b



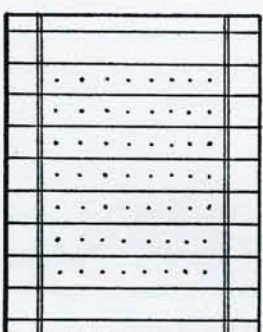
I,23a



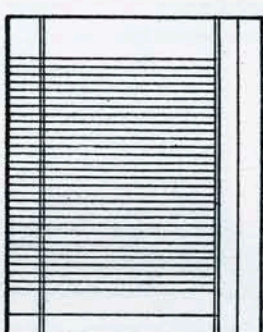
I,23b



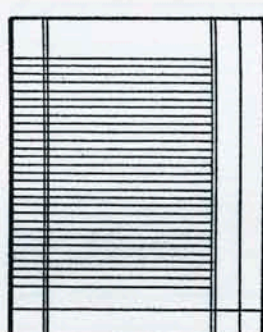
I,24a



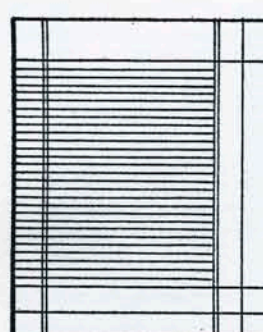
I,24b



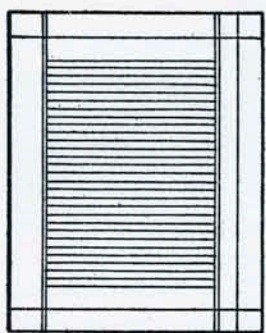
I,25a



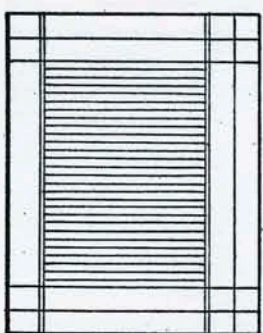
I,25b



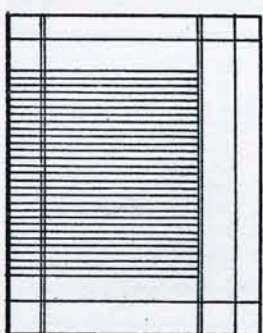
I,25c



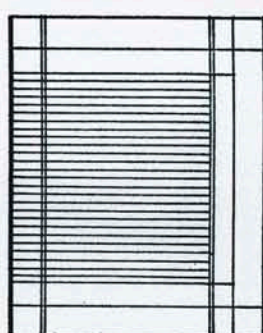
I,26a



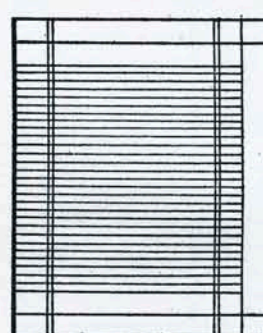
I,26b



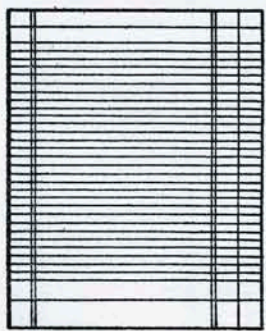
I,26c



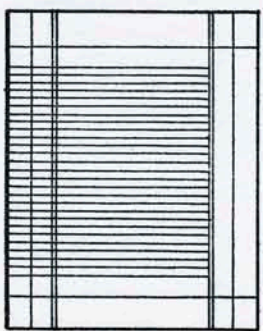
I,26d



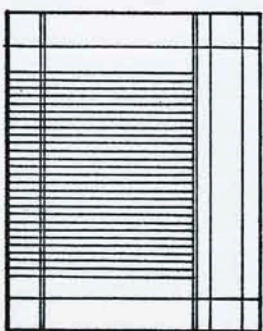
I,26e



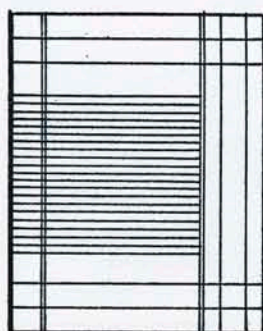
I,26f



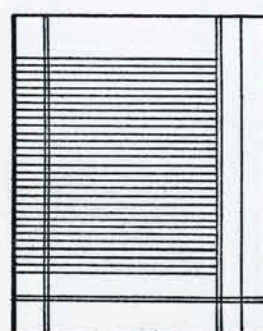
I,27a



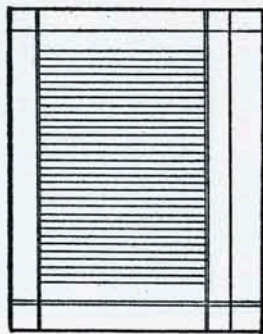
I,28a



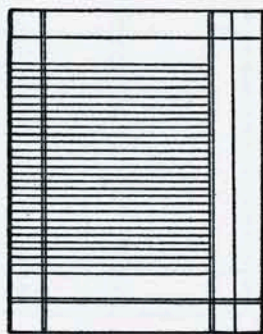
I,29a



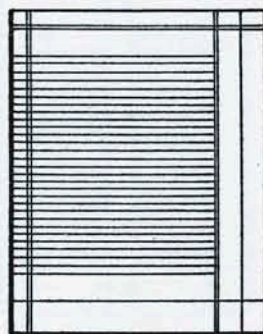
I,30a



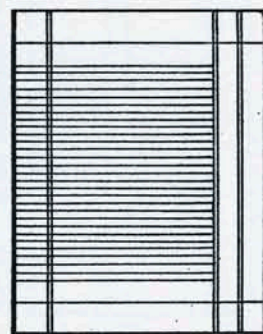
I,31a



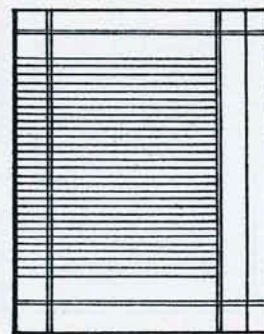
I,31b



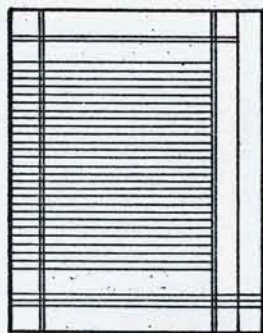
I,32a



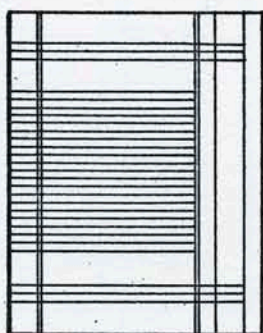
I,33a



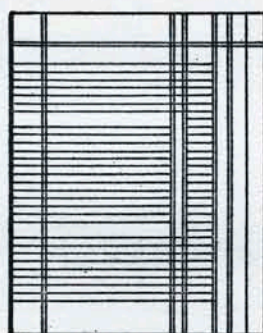
I,34a



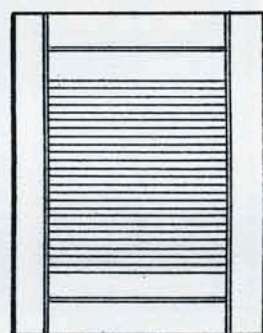
I,35a



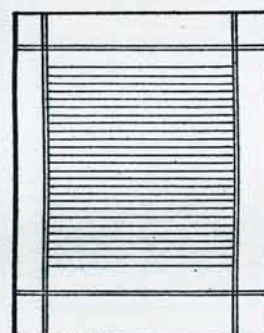
I,36a



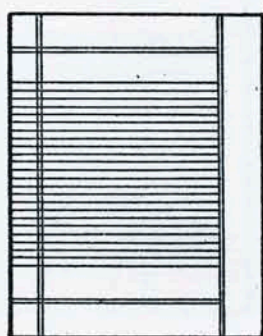
I,37a



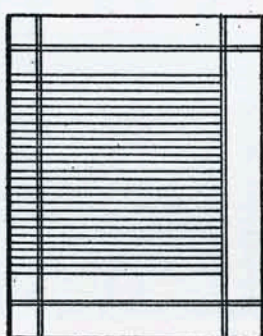
I,38a



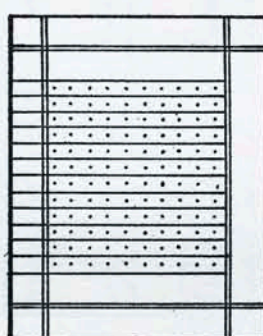
I,38b



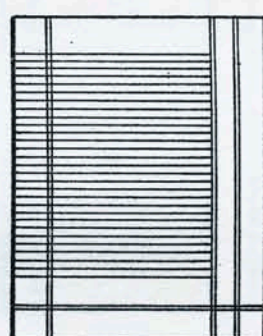
I,38c



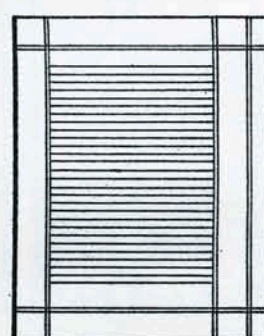
I,38d



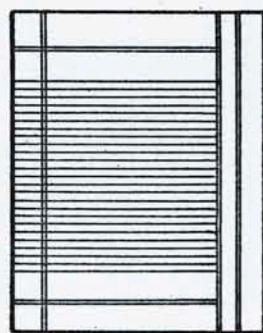
I,38e



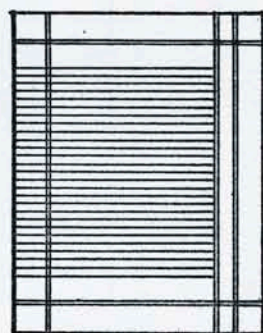
I,39a



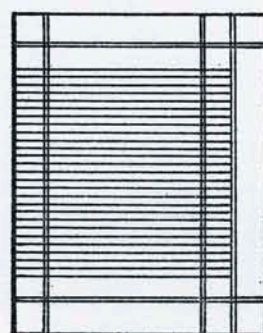
I,40a



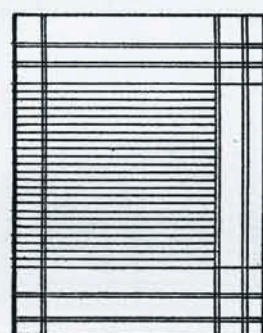
I,40b



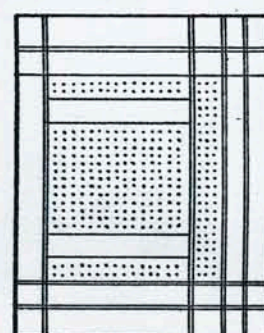
I,40c



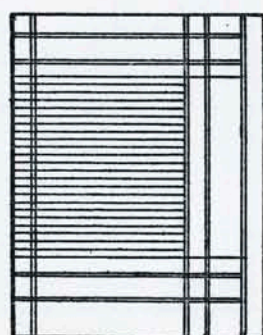
I,40d



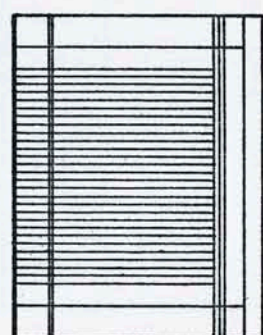
I,41a



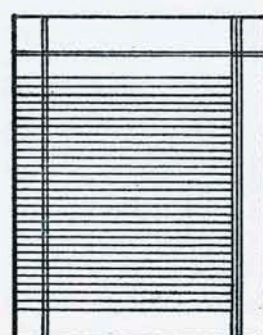
I,42a



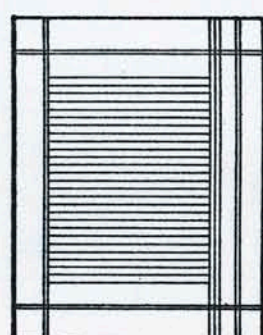
I,43a



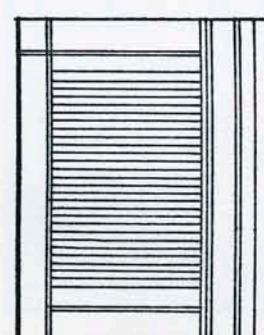
I,44a



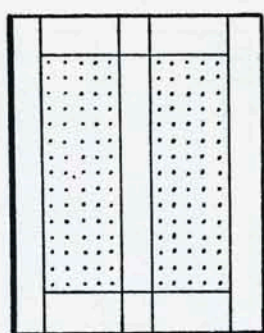
I,45a



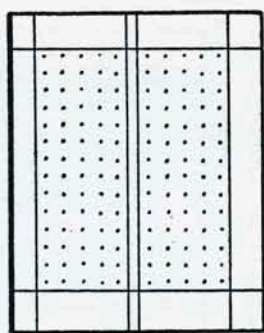
I,46a



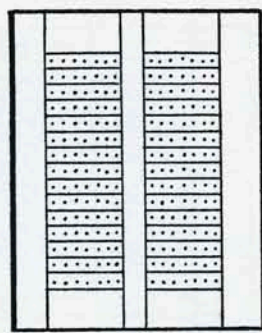
I,47a



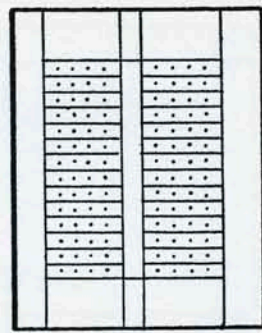
II,1a



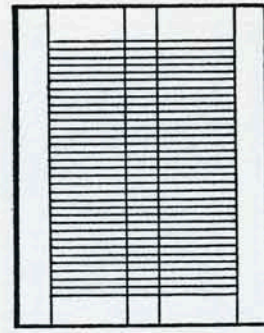
II,1b



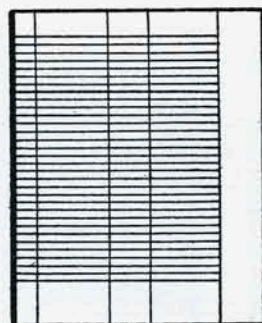
II,1c



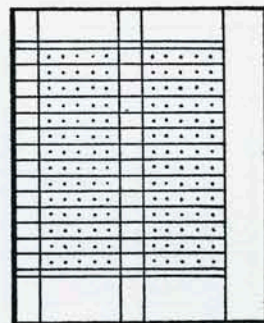
II,1d



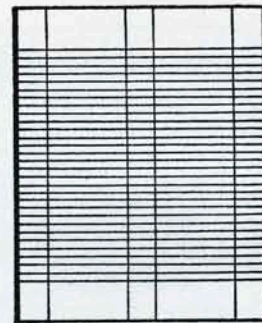
II,1e



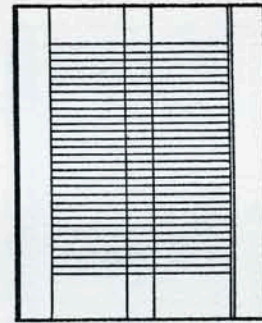
II,1f



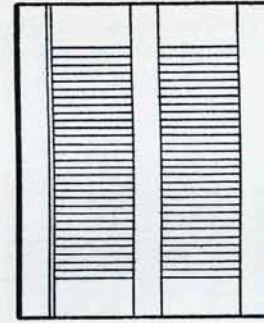
II,1g



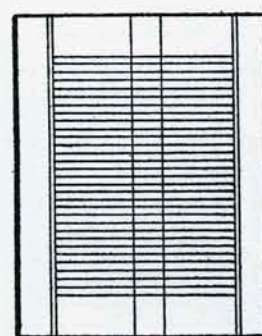
II,1h



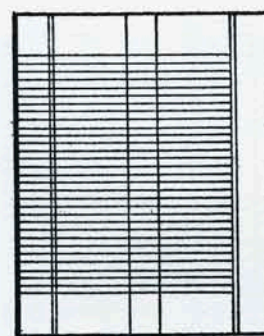
II,2a



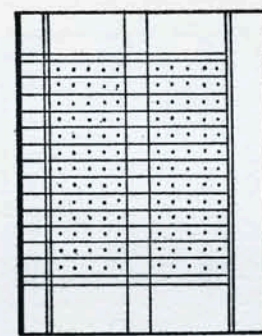
II,3a



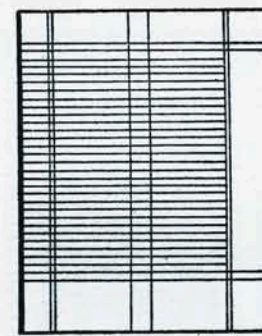
II,4a



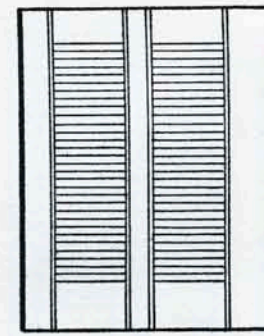
II,4b



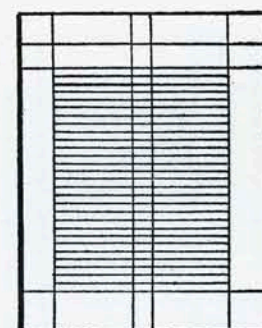
II,4c



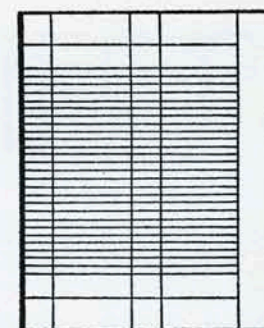
II,4d



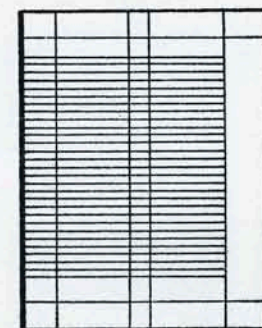
II,5a



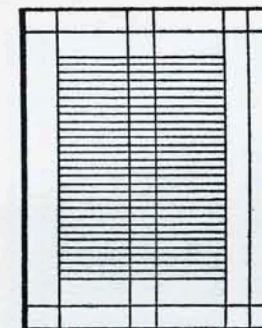
II,6a



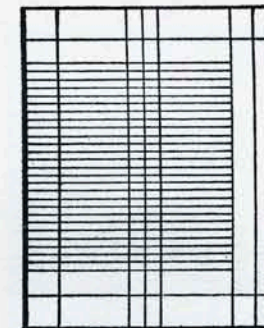
II,7a



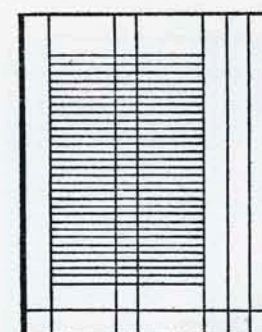
II,7b



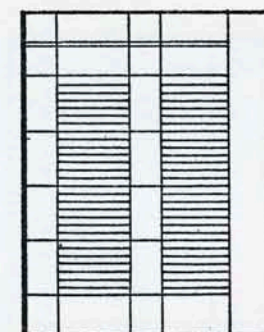
II,8a



II,8b



II,9a



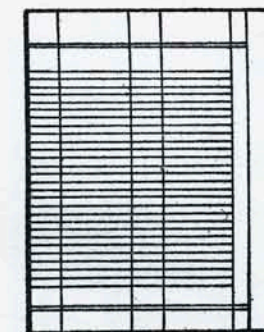
II,10a



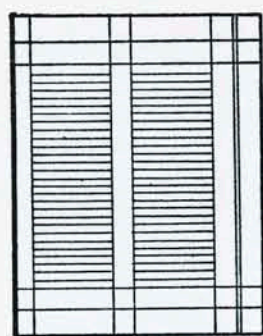
II,10b



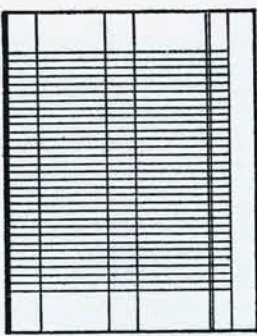
II,11a



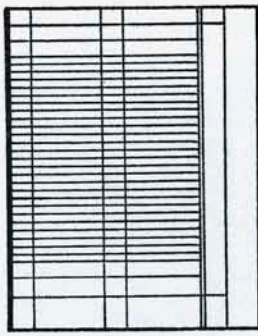
II,12a



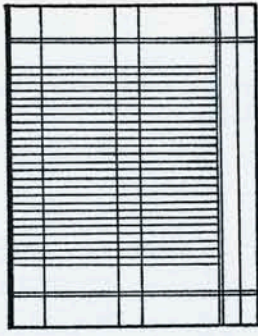
II,13a



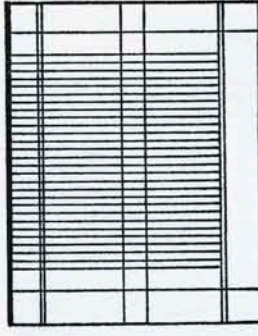
II,14a



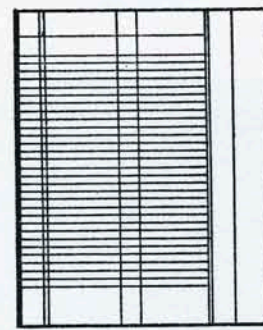
II,15a



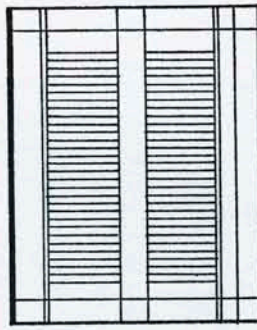
II,16a



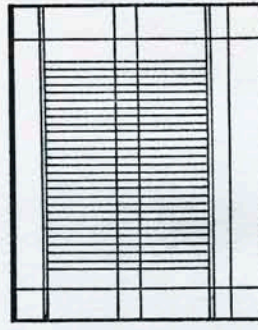
II,17a



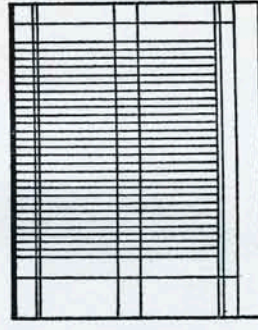
II,18a



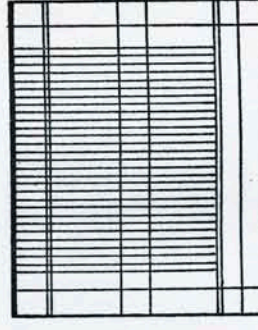
II,19a



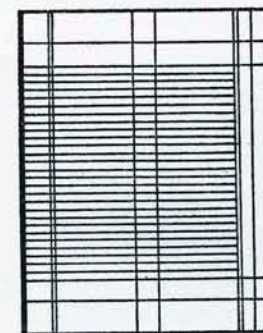
II,19b



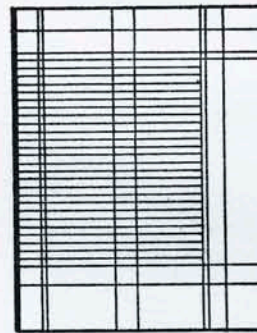
II,19c



II,19d



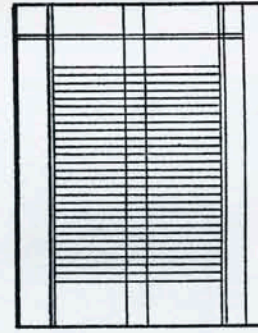
II,19e



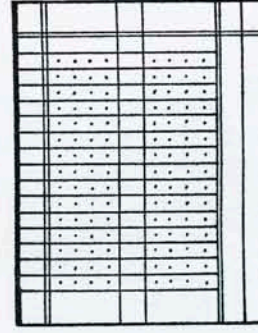
II,19f



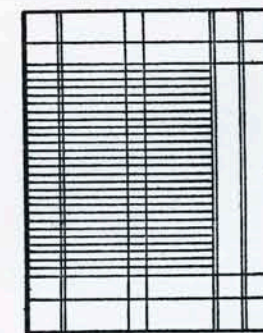
II,19g



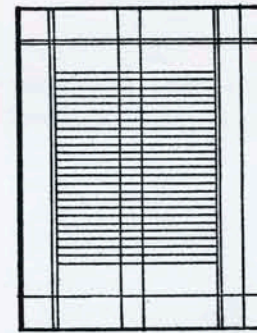
II,20a



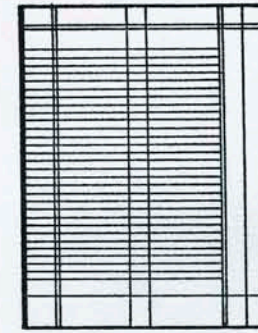
II,20b



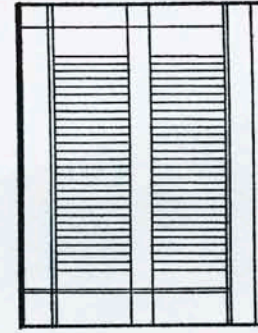
II,21a



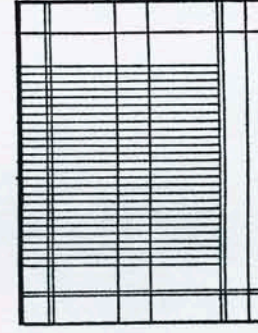
II,22a



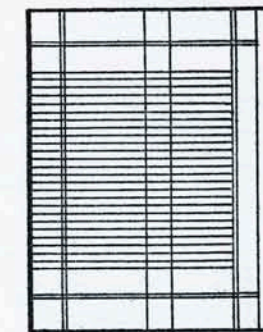
II,22b



II,23a



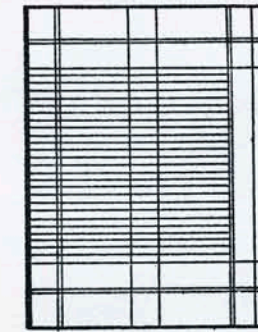
II,23b



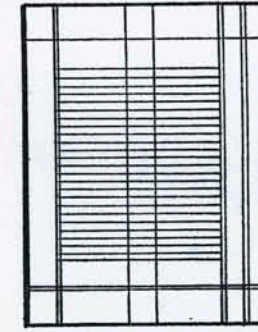
II,24a



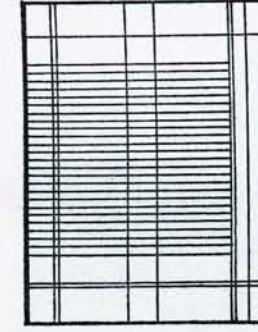
II,24b



II,24c



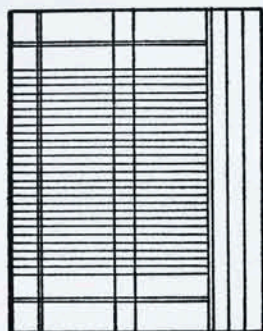
II,25a



II,26a



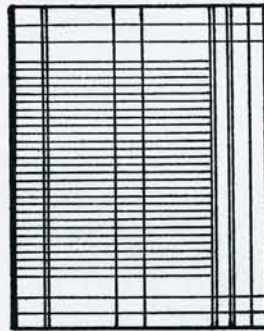
II,27a



II,28a



II,28b



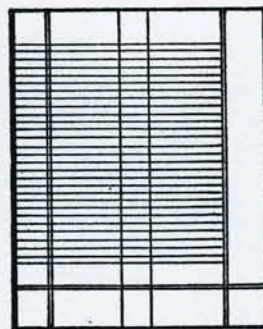
II,29a



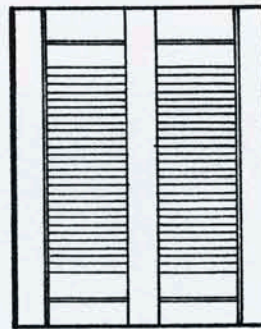
II,30a



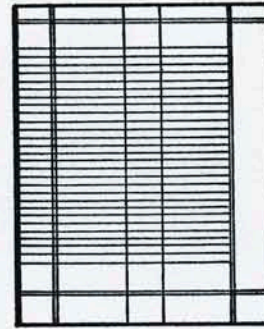
II,31a



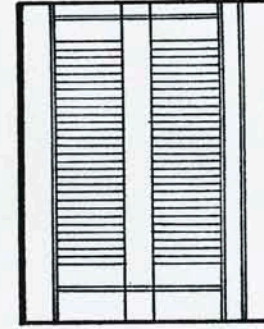
II,32a



II,33a



II,33b



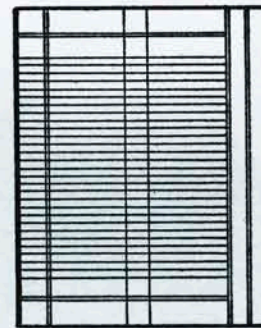
II,34a



II,34b



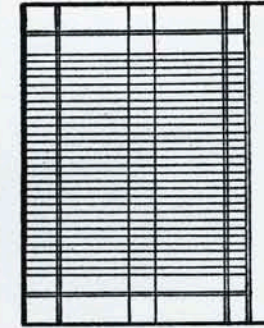
II,34c



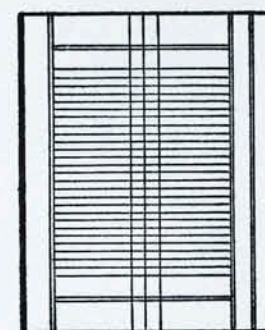
II,34d



II,34e



II,34f



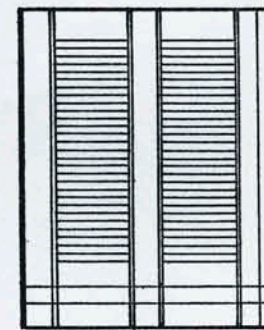
II,34g



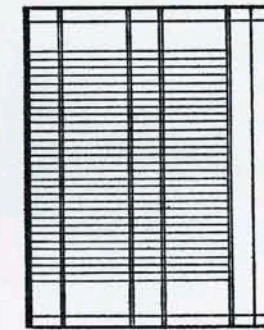
II,35a



II,36a



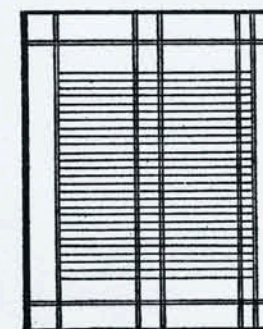
II,37a



II,38a



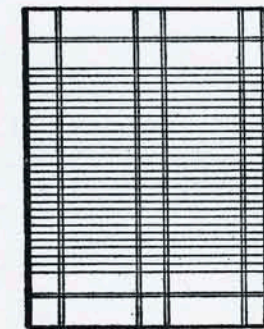
II,39a



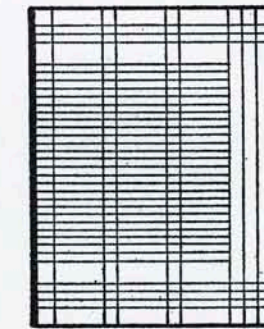
II,40a



II,40b



II,40c



III,1a