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P. COL. INV. 131 *RECTO*: A LOAN CONTRACT WITH *PARAMONÊ* PROVISION FROM MID-FIRST-CENTURY CE THEADELPHIA*

Po and another line, perpendicular to body of the document, in the left, relatively well preserved margin, which measures ca. 1.3 cm. The upper margin (ca. 1.5 wide) seems intact on the left and middle, but has largely been torn off on the right. In my reading, I assume that on the right, between 3 and 10 letters are lost, on a strip ca. 3 cm. wide, margin included. On the back of the papyrus we find an account, probably of expenses, by a phrontistês from Philadelphia. The account, whose publication is forthcoming, contains six lines of text, with very wide upper and lower margins (ca. 2.3 cm each). The presence of the wide lower margin on the back may lead us to the conclusion that the author of the later account tore away the lower section of the papyrus, whose full length may have measured between 20 and 30 cm. Working from this assumption, the

^{*} I would like to express my gratitude to Professor Roger S. Bagnall, Professor Hélène Cuvigny, Professor Dieter Hagedorn and Professor Klaas Worp for inspecting the picture of the papyrus and amending some of my readings.

¹ Comp., e.g., P. Corn. 6 (17 CE, Oxyrhyncha): vertical length: 26, 1 cm; P. Tebt. 11 388 (98 CE, Tebtynis): 23, 9 cm. I discuss the use of established formats for different types of con-

extant portion of the contract contains no more than half of its original vertical length. On the papyrus, we trace a *kollêsis ca.* 1.5 cm from the right end. The upper right section of the papyrus is abraded. The text of the document was crossed out due to its cancellation.

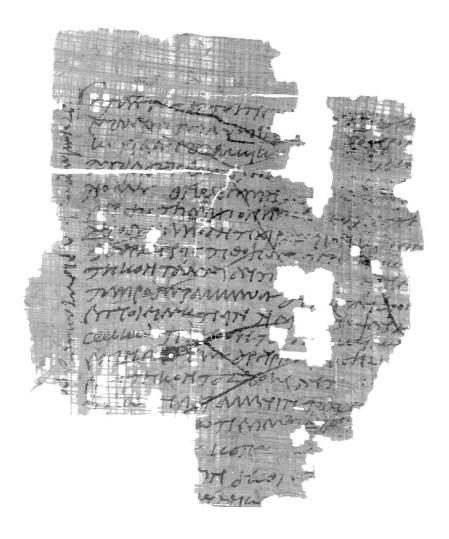
Text

P. Col. inv. 131 Theadelphia 8.3 x 9.8 cm

20 August 58 CE Along the fibres

έτους τετάρτου Νέρω[νος Κ]λαυδίου Κ[αίσαρος] $\Sigma \epsilon \beta \alpha \sigma \tau \circ \hat{v} \Gamma \epsilon \rho \mu \alpha \nu \iota \kappa [\circ] \hat{v} A [\hat{v} \tau \circ \kappa \rho] \acute{a} \tau \circ \rho \circ s [\mu \eta \nu \grave{o} s]$ Καισαρείου έβδόμη καὶ ε[ἰκάδ]ι κζ ἐν [Θεα]-20 Aug. 58 δελφεία της Θεμίστου μ[ερίδος το] \hat{v} [Άρ]σ[ι]νο[ίτου] 4 νομοῦ. ὁμολογοῦσιν Πετ ρε [Πέρσης της έπιγονης ώς έτων πεντή[κοντα] δύο οὐλὴ ὑπὸ ἀντίχιρα δεξιὸν καὶ ἡ γυν[ἡ αὐτοῦ] Τααρμιῦσις Τιθοήους Περσίνη ώ[ς ἐτῶν πεν]-8 τήκοντα οὐλὴ ἀντι[κνημί]ω άριστε[ρῶ μετὰ κυρίου] τοῦ προγεγραμμένου αὐτῆς ἀνδρὸς [ἀλλήλων] έγγυοι εἰς ἔκτισιν Νεφ[ερῶ]τι Ψενα[μούνεως] ώς έτῶν τριάκοντα ου[λη] μήλω [ἀριστερῶ] 12 έχιν παρ' αὐτοῦ ἀργυρίου ἐπισήμ[ου δραχμὰς] πεντήκοντα δύο καὶ ἀντὶ [τ]ῶ[ν τούτων] τόκων παραμενίν τὸν Π[ετ [τῷ Νεφερ]ῶτι ἐπ' ἔτη δύο ἀ[πὸ τοῦ προ(κειμένου)] 16 [χρόνου δι]ακονοῦ[ν]τ[α (?)]

tracts, in the Arsinoite grapheia, in 'Grammatikon: Transaction Costs in First-Century CE Tebtynis', to be published in the forthcoming proceedings of the seminar Legal Documents in Ancient Society II: Transaction Costs in the Ancient World: The Center for Hellenic Studies: Washington DC, 27–28 July 2009.



[.] ην ἀκολου[θ (?)] [.] μυλαί ω [.]

Perpendicular to the main text, on the left margin:

Πνεφερῶς Ψεναμούνεως ἀπέ $[\chi\omega$ - -]

Translation

Year four of Nero Claudius Caesar Augustus Germanicus Imperator, twenty-seventh, 27th, of the month Kaisareios in Theadelphia of the Meris of Themistos, of the Arsinoite nome. Pet[--] son of [--], Persian of the epigonê, age approximately fifty-two, scar under his right thumb, and his wife Taarmiysis daughter of Tithoès, Persian, age approximately fifty, scar on her left shin, with her aforesaid husband acting as her kyrios, both acting as co-sureties for full payment, declare to Nepherôs son of Psenamounis, age approximately thirty, scar on his left cheek, that they received from him fifty two drachmas of stamped silver. In lieu of the loan's interest let Pet[--] stay with Nepherôs for a period of two years [---] at his (?) mill [---]

Perpendicular to the text, in the left margin:

I, Pnepherôs son of Psenamounis, have recovered [- - -]

Commentary

- 1–3. On the titulature cf. P. Bureth, Les titulatures impériales dans les papyrus, les ostraca et les inscriptions d'Égypte (30 a.C. 284 p.C.), Bruxelles 1964 (Pap. Brux. 11), P. 34.
- 7. ἀντίχιρα: note iotacisms in this text also in the infinitives in lines 13, 15. Cf. F.Th. Gignac, A Grammar of the Greek Papyri of the Roman and Byzantine Periods 1: Phonology, Milan 1976 (Testi e documenti per lo studio dell'antichità LV), pp. 189–190.
- 16–17. At the end of line 16 and the beginning of line 17, after the account of the duration of the service, the scribe indicates the date of its beginning. Compare n. 44. The size of the lacuna, around 15–20 letters long, renders likely, probably abbreviated, the formula $d\pi\dot{o}$ τοῦ προκειμένου χρόνου, which is in exclusive use in the first, and early second-century CE Arsinoitês: cf. *P. Bour.* 14, 9–10 (= *CPGr* 1 28, 126 CE, Ptolemais Euergetis); *P. Hamb.* 1 30, 11–12 (89 CE, Philadelphia); *P. Mich.* v 355, 2 (48–56 CE, Tebtynis); x 586, 6 (ca. 30 CE, Tebtynis); x11 635, 10 (71 CE, Bacchias); *P. Thomas* 4, 13–14 (41–54 CE, Tebtynis); *PSI* vIII 902, 2–3 (ca. 48–56, CE, Tebtynis).
- 17. This reading was kindly proposed to me by Professor Dieter Hagedorn. While the *kappa* raises doubts, the reading of a participle in general seems plau-

sible and fits the context. Compare P. Wisc. 1 4, 9–10 (53 CE, Oxyrhynchos): διακονοῦντα καὶ ποιοῦντα π[άντα τὰ] | ἐπιτασσόμενα αὐτῶι and, infra, n. 25. 19. The service is to be performed at the creditor's mill. For similar accounts cf. n. 52. The standard work on mills is E. Battaglia's 'Artos'. Il lessico della panificazione nei papiri greci, Milano 1989 (Biblioteca di Aevum Antiquum 11), at p. 154–160.

Text in the left margin. Cf., a possible parallel in P. Oxy. 11 267, 34–36 (= MChr. 281, 43 CE, Oxyrhynchos): Σεραηεὺς ἀπίων $\langle os \rangle$ ἀπέχω τὸ | προκίμενον κεφάλεον καὶ οὐδέ $\langle v \rangle$ | σε ἐνκαλῶ.

Discussion

The present document was drafted in the village grapheion of Philadelphia, and exhibits all the common features of a grapheion document in the early Roman period. A date formula is followed by an objective acknowledgement on the part of the prospective debtors of the receipt of a loan. The parties are identified by their names, and those of their fathers (but in this period not by those of their mothers or grandfathers), by their scars and moles (but not by their stature, the colour of their hair or skin, or the shape of their face and nose), and by age. An account of the parties' domicile is missing, and debtors are designated Persians, and, if they are men by the genos $\tau \hat{\eta}_S \in \tau \nu \rho \nu \hat{\eta}_S$. The wife is accompanied by her husband as kyrios. The width of the document, 8.3 cm with between 30 and

² Cf. H. J. Wolff, Das Recht der griechischen Papyri Ägyptens in der Zeit der Ptolemäeer und des Prinzipats, 11: Organisation und Kontrolle des privaten Rechtsverkehrs, München 1978 (HAW x 5, 2), pp. 85–91.

³ In the Ptolemaic period, a more detailed description method is applied in sale *katagraphai*, issued at the *agoranomeia* of Pathyris and Pathyrite Crocodilopolis (*e.g.*, *BGU* 111 999, 99 BCE, Pathyris), in wills from the Arsinioite Nome, re-edited in *P. Petrie*² I (*e.g.*, *P. Petrie*² I 13 = *C. Ptol. Sklav*. I 54, 238–237 BCE, Arsinoitês) and in abstracts of double documents and documents in Demotic (*e.g.*, *CPR* xvIII 2, 231–206 BCE, Theogonis). Similarly detailed description is still applied at some *agoranomeia* in the early Roman period (*cf.*, *e.g.*, *P. Oxy*. I 99 = *P. Lond.* III 765 descr., 55 CE, Oxyrhynchos).

⁴ A reference to the third-century BCE law that introduced in Egypt the institution of kyrios, or at least set out his selection procedure is *P. Eleph. Wagner* 1 (241/240 BCE (?), Elephantinê [?]). *Cf.*, also J. Modrzejewski, 'À propos de la tutelle dative des femmes dans

35 letters per line, is quite common in loan contracts drafted at the Arsinoite *grapheia*.⁵

In the present document, Pet[- -] and his wife Taarmiysis, daughter of Tithoês, borrow from Nepherôs son of Psenamounis an amount of fifty-two silver drachmas. Among these names, that of the wife's father, Tithoês, seems particularly Theadelphian, and is connected with the cult of a god by this name in that village. Instead of returning the entire debt with its interest in cash Pet[- -], the husband, is supposed to settle the interest by rendering services at Nepherôs' premises, according to line 19, at his mill. The amount of the money lent is relatively low, but not exceptionally so: among the sixty-six first-century Arsinoite loan contracts recorded in the databank Greek Law in Roman Times (http://hudd.huji.ac.il/glrt_guest.aspx), as many as twenty-five report a loan of less than one hundred drachmas.⁷ As for the term designating the loan, among first-century loan contracts from the Arsinoitês it is still (as was generally the case in the Ptolemaic period and in Augustan Alexandria) most common to term the loan $\delta \acute{a} \nu \epsilon \iota o \nu$, either by using the noun itself (26 documents), or the verb $\delta a \nu \epsilon i \zeta \iota \sigma \theta a \iota$ (8 cases). Leaving the loan category undesignated, as is done here, is less typical: this is the case in just nine documents. Still, this practice is more common than terming the loan chrêsis (6 documents).8

l'Égypte romaine', *PapCongr.* XIII, pp. 263–292; H. A. RUPPRECHT, 'Zur Frage der Frauentutel im römischen Ägypten', [in:] *Festschrift für Arnold Kränzlein. Beiträge zur Antiken Rechtsgeschichte*, Graz 1986, pp. 95–102.

 $^{^5}$ Cf., e.g., P. Tebt. 11 388 (98 CE, Tebtynis), which is 8, 2 cm wide and contains around 35 letters a line.

⁶ Cf., in particular, SB xx 14099 (before 20 November 11 CE, Theadelphia) and O. E. KAPER, The Egyptian God Tutu, a Study of the Sphinx-God and Master of Demons with a Corpus of Monuments, Leuven 2003, pp. 137, 147, 180–181.

⁷ Cf., e.g., P. Lond. 11 277 (23 CE, Soknopaiou Nêsos): 64 dr., P. Louvre 1 16 (41–54 CE, Soknopaiou Nêsos): 40 dr., P. Tebt. Wall. 2 (83–84 CE, Tebtynis): 38 dr.

⁸ First-century loan contracts of the Arsinoitês that leave the debt category undesignated are *P. Alex.* 8 (89 CE, Boubastos); *P. Col.* x 249 (9–10 CE, Theadelphia); *P. Corn.* 6 (17 CE, Oxyrhyncha); *P. Gen.* 1 24 (96 CE, Apias); *P. Hamb.* 1 30 (89 CE, Philadelphia); *P. Mich.* v 241, 24–38 (46 CE, Tebtynis); 333 (52 CE, Tebtynis); x 585 (87 CE, Bacchias); *P. Tebt.* 11 384 (10 CE, Tebtynis). A change takes place in this respect in the last quarter of the first century, as the *chrêsis* becomes in the Arsinoitês, and perhaps also throughout

The present contract reports a loan received by two persons, a husband and a wife, in common. This is also the case in sixty-four Arsinoite loan contracts from the first and second centuries CE, almost the third part of the total 211 documents. Most of these contracts, fifty-nine in all, stipulate the joint and mutual surety of the debtors, mostly through the formula $\partial \lambda \lambda \hat{\eta} \lambda \omega \nu \ \tilde{\epsilon} \gamma \gamma \nu o \iota \ \epsilon \tilde{\iota} s \ \tilde{\epsilon} \kappa \tau \iota \sigma \nu$, which is also used in the present contract (ll. 10–11). It is not surprising that in most cases the debtors are also

Egypt, the predominant type of loan category: 57 second-century CE loan contracts, of the Arsinoitês out of a total of 133, record the delivery of chrêsis, while only 12 record a daneion. The number of 2nd cent. contracts that not specify the loan category is 37. General survey of the three categories in H. A. Rupprecht, Untersuchungen zum Darlehen im Recht der grae-co-ägyptischen Papyri der Ptolemäerzeit, München 1967, pp. 3–13; H. Kühnert, Zum Kreditgeschäft in den hellenistischen Papyri Ägyptens bis Diokletian, Freiburg 1965, pp. 11–111; B. Tenger, Die Verschuldung im römischen Ägypten (1.–2. 7h. n.Chr.), St. Katherinen 1993, pp. 9–60.

The formula $\partial \lambda \lambda \dot{\eta} \lambda \omega \nu \partial \gamma \dot{\psi} \dot{\omega} \dot{\omega} \partial \dot{\omega} \dot{\omega} \partial \dot{\omega} \dot{\omega} \partial \dot{\omega$ tury CE Arsinoitês, in the following loan contracts: BGU III 856, 9 (= MCbr. 331, 106 CE, Psenvris); 911, 10 (= P. Dime 111 7, 18 CE, Soknopaiou Nêsos); XI 2044, 12 (46 CE, Soknopaiou Nêsos); P. Alex. 7, 8 (113 CE, Dionysias); P. Corn. 6, 8-9 (17 CE, Oxyrhyncha); P. Fam. Tebt. 2, 9 (92 CE); 4, 8 (94 CE); 6, 10 (98/9 CE, all from Tebtynis); P. Flor. 111 316, 10-11 (II CE, Philadelphia); P. Gen. I 24, 8 (96 CE, Apias); P. Kron. 8, 9 (109 CE, Arsinoitês); P. Kron. 9,8 (III CE, Tebtynis); P. Kron. 17, 10-11 (140 CE, Tebtynis); P. Lond. 11 336, 15 (= MChr. 174, 167 CE, Ptolemais Euergetis); P. Louvre 1 18, 1 (= BGU 111 853 recto, 141 CE, Soknopaiou Nêsos); P. Meyer 5, 9-10 (98-117 CE, Arsinoitês); P. Mich. v 241, 15-23, Il. 19-20 (46 CE, Tebtynis); 328 col. 11, ll. 9-10 (29-30 CE, Arsinoitês); 332, col. 11, l. 21 (47-48 CE, Arsinoitês); 333, 9 (with no. 334, 52 CE, Tebtynis); XII 635, 4 (71 CE, Bacchias); P. Mil. Vogl. II 68, 9 (154 CE, Tebtynis); P. Münch. 111 96, 15-16 (158 CE, Ptolemais Euergetis); P. Oslo 111 131, 16-17 (118 CE, Theadelphia); P. Oxf. 10, 11 (98–102 CE, Theadelphia); P. Ryl. 11 330 descriptum (130 CE, Theadelphia); 332 descriptum (139 CE, Theadelphia [?]); P. Stras. IV 204, 14-15 (161-169 CE, Arsinoitês); 230, 11 (143-144 CE, Philadelphia); 293, 9 (138-161 CE, Berenikis Aigialou); P. Tebt. 11 384, 12 & 33 (10 CE, Tebtynis); P. Zauzich 39 col. 11, l. 83 (54 CE, Arsinoitês); PSI VIII 910, col. II, l. 19 (47–48 CE, Tebtynis); IX 1028, IO (15 CE, Tebtynis); IO51, IO-II (26 CE, Soknopaiou Nêsos): $\mu \epsilon \tau [\epsilon] \gamma \gamma \nu o \iota [\pi] \rho \delta [s] \dot{\alpha} \lambda \lambda [\eta] \lambda o \nu s | \epsilon \dot{\iota} s \ \ddot{\epsilon} \kappa \tau \iota \sigma [\iota \nu]; x 1131 (= CPGr 1 18, 41)$ CE, Ptolemais Euergetis); 1142, 11 (154 CE, Tebtynis); SB vI 9291, 11-12 (93 CE, Theadelphia); XII 10804, 15 (= P. Dime III 23, 47 CE, Soknopaiou Nêsos); XIV 11600, 12-13 (91-96 CE, Bacchias [?]); xVIII 13047, 9-10 (= P. Lond. III 896 descriptum, 69-79 CE, Arsinoitês [?]); 13233, 15-16 (= P. Haw. 223, 107 CE, Aueris); xx11 15388, 8-9 (117-161 CE, Theadelphia). The same formula is also applied in other types of contracts, most commonly leases (cf., e.g., BGU XI 2032, 6 (113 CE, Ptolemais Euergetis).

Co-surety can be expressed by means of other formulae as well, such as (1) $\dot{\epsilon}\xi$ $\dot{a}\lambda\lambda\eta$ - $\lambda\epsilon\gamma\gamma\dot{\nu}\eta$ s: BGU 11 664 ,5-6 (1st cent. CE, Arsinoitês); P. Flor. 1 44, 26 (158 CE, Ptolemais-

closely related. Twenty-two Arsinoite documents from the first and second centuries CE record spouses as co-debtors, ¹⁰ thirteen record siblings, ¹¹ and as many record parent and child(ren)¹² taking a loan in common. A more distant kinship may be assumed in other cases as well.

In P. Col. inv. 131 *recto* one of the debtors obliges himself to settle a part of the obligation, in this case the interest, by placing himself at the disposal of the creditor.¹³ The term used in at least some of the contemporaneous

Euergetis); *P. Mert.* 11 67, 15–16 (130 CE, Ptolemais Euergetis); *P. Petaus* 31, 7 (183/4 CE, Karanis); *SB* x11 10786, 11–12 (= *P.Tebt.* 11 531 *descriptum*, 133 CE, Tebtynis); 10787, 10 (= *P.Tebt.* 11 532 *descriptum*, 133 CE, Tebtynis); xVI 12954, 10 (= *P. Ryl.*11 329 *descriptum*, 116 CE, Arsinoitês). (2) $\frac{\partial}{\partial \pi}$ $\frac{\partial}{\partial \lambda} \lambda \eta \lambda \epsilon \gamma \nu \eta$: *SPP* xXI1 53, 5 (149 CE, Soknopaiou Nêsos); or the debtors' designation as (3) $\frac{\partial}{\partial \lambda} \lambda \eta \lambda \epsilon \gamma \nu \nu \nu$: *P. Fouad* 1 51, 9–10 (126 CE, Tebtynis); *P. Mich.* v 329/330, 14 (40–41 CE, Arsinoitês); *P. Stras.* 1 13, 7 (138–161 CE, Hêrakleia); IV 209, II–12 (152 CE, Dionysias); 289, 13 (48 CE, Arsinoitês); v 303, 4 (161–169 CE, Arsinoitês [?]); *SPP* IV, pp. 116–117, ll. 9–10 (= *P. Fay.* 260 *descriptum*, 109/10 CE, Euhêmeria).

No indication of the debtors' co-surety in BGU III 800 (158 CE, Arsinoitês); P. Fam. Tebt. II (II2 CE, Arsinoitês); P. Mich. IX 568 (92 CE, Ptolemais Euergetis or Karanis) [a second copy: no. 569]; P. Ryl. II 175 (168 CE, Theadelphia); P. Tebt. II 390 (= MChr. 251, 167 CE, Tebtynis). Cf. Eva Cantarella, La fideiussione reciproca (allêleggue e mutua fideiussio). Contributo allo studio delle obbligazioni solidali, Milano 1965, pp. 1–112; Kühnert, Zum Kreditgeschäft (cit. n. 8), p. 180–182; Rupprecht, Untersuchungen (cit. n. 8), pp. 17–18.

- ¹⁰ BGU III 856; 911; XI 2044; P. Corn. 6; P. Fam. Tebt. 2 (spouses and their son); 6; II (spouses and their son); P. Flor. I 44; P. Kron 8 (spouses and their children); P. Meyer 5; P. Mich. v 329/330; 332; P. Oslo III 131; P. Oxf. 10; P. Stras. Iv 230; 289; P. Zauzich 39; PSI vIII 910; IX 1028 (two brothers and their wives); 1051; X 1131 (two husbands and two wives); SB XVIII 13047; 13233.
- Two brothers in *P. Fam.Tebt.* 4; *P. Fouad* 151; *P. Kron.* 11; 68; *P. Mil. Vogl.* 11 68; *P. Petaus* 31; *P. Stras.* 1v 204; *SB* v1 9291; xv1 12954, *SPP* 1v, pp. 116–117, ll. 9–10; three brothers in *P. Tebt.* 11 390; *PSI* x 1142, two pairs of siblings among five debtors in *P. Lond.* 11 336, two brothers and their wives in *PSI* 1x 1028; two brothers and a son of one of them in *P. Mich.* v 328.
- A father and a son in *P. Narm.* 2006 no. 2; *P. Ryl.* 11 175; 332 *descriptum* (a father and two sons). A mother and a son in *P. Mich.* v 241, 15–23; 333/4; IX 568; *SB* X11 10786; 10787; XIV 12023; *SPP* XX 53. *Cf.* also *P. Fam. Tebt.* 2; 11; *P. Kron.* 8 recorded in n. 10.
- ¹³ Cf., in general, B. Adams, Paramoné und verwandte Texte. Studien zum Dienstvertrag im Rechte der Papyri, Berlin 1964, pp. 9–113; J. Hengstl, Private Arbeitsverhältnisse freier Personen in den hellenistischen Papyri bis Diokletian, Diss. Bonn 1972, p. 27; J. Herrmann, 'Personenrechtliche Elemente der Paramone', RIDA 3rd s. 10 (1963), pp. 149–161 (= Kleine Schriften zur Rechtsgeschichte), München 1955 (MBPR LXXXIII), pp. 221–233 at pp. 224–227; Andrea JÖrdens, Vertragliche Regelungen von Arbeiten im späten griechischsprachigen Ägypten, mit Editionen von Texten der Heidelberger Papyrus-Sammlung, des Istituto Papirologico 'G. Vitelli', des

documentation for this type of contract is *paramonê*,¹⁴ and it is also the one to be applied in the following. Twenty-three *paramonê* contracts have hitherto been published:¹⁵

- 1. P. Yale 1 26 (= P. Hib. 148, early 3rd cent. BCE, Ankyrôn, Hêrakleopolitês).
- 2. CPR XVIII 18 (231 or 206 BCE, Theogonis).
- 3. BGU VI 1258a, 17-20 (154/3 or 143/2 BCE, Hermopolis?): anagraphê.
- 4. BGU IV 1126 (9 BCE—Alexandria).
- 5. PSI x 1120 (late 1st cent. BCE early 1st cent. CE, prov. unknown).
- 6. P. Tebt. 11 384 (10 CE, Oxyrhyncha).
- 7. P. Mich. x 587 (24/25 CE, Tebtynis).
- 8. P. Mich. 11 121 recto, col. 111 entry 3 (42 CE, Tebtynis).16
- 9. P. Mich. II 121 recto, col. IV entry 8 (42 CE, Tebtynis).
- 10. P. Mich. v 241, 24-38 (46 CE, Tebtynis).

Ägyptischen Museums zu Kairo und des British Museum, London (P. Heid. v), Heidelberg 1990, pp. 271–295; A. E. Samuel, 'The Role of Paramone Clauses in Ancient Documents', *JJurP* 15 (1965), pp. 221–311; Tenger, *Die Verschuldung* (cit. n. 8), pp. 90–95; W. L. Westermann, 'The *Paramone* as a General Service Contract', *JJurP* 2 (1948), pp. 9–50.

¹⁴ Compare in the particular Hengstl, Arbeitsverhältnisse (cit. n. 13), p. 24 and the lists of documents recorded in the grapheion of Tebtynis, published as P. Mich. 11 121 verso; 123 recto; 124; 125 recto; 128; v 237; 238 recto; 240, with 49 entries recording the composition of a paramonê contract, and Samuel, 'The Role of Paranome' (cit. n. 13), p. 305. Samuel shows that while the verb $\pi a \rho a \mu \acute{e} \nu \omega$ could be used freely, and its meaning depended on the context (as in literary sources), the substantive signified the 'the concept of the legal obligation to remain[,] applied to free men.' (cf., e.g., p. 247, 308). Contra Jördens, P. Heid. v, p. 293, who claims, that 'Für das Substativ $\pi a \rho a \mu o \nu \acute{\eta}$ lassen die Quellen insgesamt jedenfalls keinen eindeutig technischen Gebrauch im Sinne eines Arbeitsverhältnisses mit antichretischem Charakter erkennen'. I do not rule out, of course, that Samuel's interpretation should be applied with regard to the early Roman period only, and even then maybe not throughout Egypt, perhaps not even in the Oxyrhynchitês. Compare P. Oxy. IV 731 (9–10 CE, Oxyrhynchos).

¹⁵ Left aside are the documents recording the receipt of a $\pi\rho$ οχρεία, especially well-attested in contracts of the Byzantine period. *Cf.*, e.g., *P. Köln* 11 102 (= *SB* XII 11239, 418 CE, Oxyrhynchitês) and JÖRDENS, *P. Heid.* v, pp. 270–275. *Cf.*, an early Roman antecedent in *P. Sarapion* 20 (121 CE, Hermopolis). Left aside is also *P. Mich.* v 355 (48–56 CE, Tebtynis (with *PSI* VIII 902), where the *paramonê* is not based on an act of loan.

¹⁶ Cf. an anagraphê entry of the same contract in P. Mich. 11 121 verso, col. 11, l. 17.

- 11. P. Col. inv. 131 recto (58 CE, Theadelphia).
- 12. P. Alex. 8 (89 CE, Boubastos, Arsinoitês).
- 13. P. Oxf. 10 (98–102 CE, Theadelphia).
- 14. P. Dura 20 (121 CE, Phaliga [?], near Dura Europos).
- 15. P. Bad. 11 22 (126 CE, Alexandria).
- 16. P. Kron. 16 (= P. Mil. Vogl. IV 227, 138 CE, Tebtynis).
- 17. SPP XXII 36 (145 CE, Nikopolis and Soknopaiou Nêsos).
- 18. P. Flor. 1 44 (158 CE, Ptolemais Euergetis).
- 19. P. Mert. 111 105, 17-34 (164-165 CE, Tebtynis).
- 20. P. Aberd. 56 (176 CE, Ptolemais Euergetis).
- 21. SB IV 7358 (277-282 CE, Karanis).
- 22. P. Cair. Isid. 80 = SB VI 9267 (297 CE, Karanis).
- 23. P. Kell. 1 40 (306/7 CE, Kellis, Oasis Magna).

¹⁷ CPR xVIII 18, 4–5: ἐφ' ὧι παρα $|\mu[\epsilon]v$ ε̂̂̂; P. Aberd. 56, 14: ἐφ' ῷ παρα $\mu[\epsilon v$ ε̂ν]; P. Kell. 140, 9: ἐφ' ῷ μαι (read: μ ε) παρα μ ε̂ναι.

¹⁸ BGU iv 1126, 6-7; P. Alex. 8, 8-9 (restored); P. Mich. x 587, 7-9; P. Oxf. 10, 15.

 $^{^{19}}$ BGU VI 1258, 17–20; P. Flor. I 44; P. Mert. III 105, 17–34. Cf. also in documents recording the termination of a paramonê contract: BGU IV 1153 col. II (14 BCE, Alexandria) and 1154 (10 BCE, Alexandria).

 $^{^{20}}$ P. Mich. x 587. Cf. also the petitions BGU IV 1139 (5 BCE, Alexandria) and P. Ryl. 11 128 (after 13 February 30 CE, Euhêmeria).

²¹ P. Tebt. 11 384.

²² SPP xx11 36.

the creditor's premises. The verb used in this clause is the future medial form of $\pi a \rho \epsilon \chi \omega$ with the person assigned in the accusative.²³ The same verb may also be used to denote the debtor's own *paramonê*.²⁴

In the clause itself, we find, usually in the present tense participle, an account of the debtor's obligations, which are, as pointed out by Boak and Westermann, mostly of general nature,²⁵ a penalty clause relating to their contravention,²⁶ a prohibition against leaving the creditor's premises during the term of the stay,²⁷ and often a clause fixing a penalty in the event that such a departure does take place.²⁸ The document also reports the allowance

²³ Cf., e.g., P. Flor. 1 44, 17–18.

²⁴ P. Mich. II 121 recto, col. IV entry 8, l. 1; P. Mich. V 241, 31–32. Cf. also P. Mich. V 355, 2 (48–56 CE, Tebtynis): not recording a loan; and P. Sarapion 20, 6–7 (= [partially] P. Stras. I 44, 121 CE, Hermopolis), recording a prochreia.

²⁵ Westermann, 'The Paramone', (cit. n. 13), pp. 24–25 and n. 48. Take, for example, the formulation ἐπιτελοῦσαν [τὰ] ἐπιταχθη [σόμενα] in BGU IV I126, 10. Also of general nature are the obligations recorded in BGÜ VI 1258a, 18–19; CPR XVIII 18, 6–7; P. Aberd. 56, 15–17; P. Alex. 8, 12–15; P. Dura 20, 8–9; P. Flor. 1 44, 19–21; P. Kron. 16, 25–28; P. Mert. III 105, 28–31; P. Mich. II 121 recto, col. IV, entry 8, l. 2; P. Mich. x 587, ll. 12–13. Also of general nature, but differently formulated is P. Kell. 1 40, 9–12: ἐργασωμένη⟨ν⟩ ἀντὶ τῷν | τόκου (read: τόκων) καὶ ὑπηρουτημένου (read: ὑπηρετουμένην) ὑπὸ σοὺ (read: σὲ) κατὰ τὰ [ἑσ]τα-|μένα ἀντὶ τῷν τόκου (read: τόκων) ἄχρι ἀποδώσεως (read: ἀποδόσεως) τ[οῦ π]ρο|κειμένου καιφαλέου (read: κεφαλαίου). More concrete, focusing on the debtor's occupation as weaver, are P. Mich. V 355, 3–4; P. Tebt. II 384, 4–5 and SB IV 7358, 9–10. P. Mich. V 24I, 33–34 relates to his work as a potter, and P. Oxf. 10, 17–19 on his occupation as a swineherd. Cf. Adams, Paramoné (cit. n. 13), pp. 54–64; Hengstl, Private Arbeitsverhältnisse (cit. n. 13), pp. 28–29.

²⁶ BGU iv 1126, 16–20; P. Bad. 11 22, 1–7 (?); P. Kron. 16, 31–34; P. Yale 1 26, 3–4; PSI x 1120, 4–11; SPP xx11 36, 13–14.

²⁷ Cf., e.g., BGU IV II26, II-I2: μὴ γεμνομένη μήτε ἀπόκοιτος |μηδ' ἀφήμερος ἀπὸ τῆς Ταφεσιῆτος ἄνευ τῆς αὐτῆς γνώμης, and later in the same contract (ll. 15-16): καὶ μὴ ἐκλείψ⟨ε⟩ιν τὴν π [αραμονὴν ⟨?⟩]|ἐντὸς ⟨τοῦ⟩ χρόνου. Compare also CPR XVIII 18, 7-9; P. Dura 20, 9-10; P. Flor. I 44, 21-23; P. Mich. V 24I, 34-35; V 355, I0-II; X 587, I3-16; P. Oxf. 10, 22-23; P. Tebt. II 384, 6-7; P. Yale 26, 4-5. Cf. Adams, Paramoné (cit. n. 13), 49-53; Hengstl, Private Arbeitsverhältnisse (cit. n. 13), p. 31.

²⁸ BGU IV II26, 16–20; P. Bad. II 22, 1–7 (?); P. Dura 20, 9–11; P. Flor. I 44, 24–26; P. Kron. 16, 31–34 (?); P. Mich. V 241, 35–36; V 355, I2; X 587, I8–34; P. Oxf. 10, 23–25 and 27–30 and HENGSTL, Private Arbeitsverhältnisse (cit. n. 13), p. 16; P. Tebt. II 384, 32–34 (hypographê); P. Yale I 26, 5–6; PSI X II20, I–3 (?); SB IV 7358, II–16.

of the person assigned during the period of stay,²⁹ as well as the taxes that are to be paid in this period on his behalf.³⁰ Finally, some *paramonê* contracts provide for the termination of the period of service, which can be accompanied by the return of the loan to the creditor,³¹ but does not have to.³² If the debtor is instructed to return the debt, the contract may introduce a penalty in the event that he or she does not do so on time.³³

Some of the loan contracts incorporating the above terms report the delivery of a relatively small loan – in one case, that of $P.\ Tebt.$ II 384, only of sixteen drachmas. In other contracts the loan is larger: in BGU IV II26 the amount given is 100 drachmas, in $P.\ Aberd.$ 56, 200 dramchas, in $P.\ Flor.$ I 44, 400 dramchas, and in $P.\ Kron.$ 16 as many as 1,000 drachmas. As is the case with the present contract, most loan contracts anticipating a stay do not indicate the loan category. This is the case in seven contracts, while in three only the loan is designated as $chr\hat{e}sis.$ The verb $\delta a \nu \epsilon i \zeta \omega$ is attested in just two documents – early and non Egyptian

²⁹ BGU IV 1126, 20–23; VI 1258, 20 (?); P. Aberd. 56, 16–17; P. Alex. 8, 13–15; P. Cair. Isid. 80, 5–7; P. Dura 20, 12; P. Kron. 16, 28–29; P. Mich. V 241, 35–36 (?); V 355, 12–13; P. Oxf. 10, 20–29; SPP xxII 36, 10–13.

³⁰ P. Kron. 16, 29–30; P. Mert. 111 105, 30–31; P. Mich. 11 121 recto, col. 111 entry 3, l. 2; v 355, 5–12; P. Teht. 11 384, 9–11 & 28–31 (hypographê); SPP xx11 36, 12–13. Cf. Hengstl, Private Arbeitsverhältnisse (cit. n. 13), p. 30.

³¹ P. Dura 20, 16–18; P. Flor. 1 44, 26–27 (?); P. Kell. 1 40, 12–17; P. Mert. 111 105, 32–34 (?); P. Mich. v 241, 37; P. Oxf. 10, 26–27; P. Tebt. 11 384, 7–8 & 25–27 (bypographê); SB 1v 7358, II–16. Cf. Hengstl, Private Arbeitsverhältnisse (cit. n. 12), pp. 25–26; Samuel, 'The Role of Paranome' (cit. n. 13), pp. 302–303.

³² BGU IV 1126, 23–27; P. Bad. 11 22, 7–12. Cf. Hengstl, Private Arbeitsverhältnisse (cit. n. 14), p. 29 n. 117. In the last scenario one speaks of λύσις or ἀπόλυσις of the paranomê.

³³ P. Dura 20, 14–18. Compare also Westermann, 'The Paramone', (cit. n. 13), p. 20.

³⁴ In *P. Alex.* 8 the amount is 44 drachmas, in *P. Mert.* 111 105, 17–34 it is 64 drachmas and in *P. Mich.* x 587 the value of the loan amounts to 48 drachmas.

³⁵ Cf. Hengstl, Private Arbeitsverhältnisse (cit. n. 13), p. 25.

³⁶ BGU iv 1126; P. Alex. 8; P. Kron. 16; P. Mich. x 587; P. Tebt. 11 384; SB iv 7358; SPP xx11 36. Cf. Adams, Paramoné (cit. n. 13), pp. 68–70; Hengstl, Private Arbeitsverhältnisse (cit. n. 13), p. 25; Westermann, 'The Paramone', (cit. n. 13), pp. 17–18.

³⁷ P. Aberd. 56, 12; P. Flor. 1 44, 14; P. Mert. 111 105, 21.

respectively.³⁸ Under Roman rule this verb, as well as the substantive *daneion*, re not applied in the context of the *paramonê* contract even in times and places, as in the first-century CE Arsinoitês, where it is otherwise still predominant.³⁹ It seems rather, that *daneion* and *paramonê* were set apart as two distinct types of contracts.⁴⁰

As already indicated, the *paramonê* arrangement is usually meant to enable him to defray some elements of the loan through the service of the person assigned. In some cases, this service would be applied toward both the capital and the interest,⁴¹ but it is more common for the service to cover the interest alone,⁴² or the interest plus the expenses relating to the debtor's maintenance of the assigned person while staying with the creditor.⁴³ The service is usually meant to begin immediately with the creation of the debt. The only exception is *P. Kron.* 16, where it would be reverted to only if the debt were not settled on time.

Not all contracts record the length of the stay,⁴⁴ and one could expect that in the absence of such an indication the contract would remain in effect until the debt is settled. In three documents this condition is explicitly stated.⁴⁵ In nine other cases, the contract articulates the duration of the stay, a possible indication that the main purpose of the con-

³⁸ CPR XVIII 18, 2; P. Dura 20, 4. Probably also in Alexandria. Cf. Adams, Paramoné (cit. n. 13), p. 70.

³⁹ Cf. supra n. 8.

 $^{^{40}}$ Cf., in particular, P. Mil. 1 7 (38 ce, Theadelphia), regarding the liquidation of debts (II. 13–20): ἃς ὤφειλεν ἥ τε Ταφαυνῆς σὴν τῶι | ἑα⟨υ⟩τῆς ἀδελφῶι Άρπατοθοῆι, ὃς τετελεύ-|τηκεν, τῷ ἐμοῦ Ἀρείου πατρ{ε}ὶ Διδύ[μῳ] | Εὐηνείου, ὃς ὁμοίως τετελεύτηκεν, | κατὰ συν-γραφὰς δύο, μίαν μὲν | παραμονῆς δραχμῶν ἐξήκοντα, | τὴν δ' ἐτέραν δανείου πα[......] | δραχμῶν εἴκοσι, κτλ. Compare also P. Mich. 11 121 recto, col. 111 entries 3 and 4. Cf. also, Adams, Paramoné (cit. n. 13), pp. 72–73; Westermann, 'The Paramone', (cit. n. 13), p. 17.

⁴¹ BGU IV 1126, 6–7; P. Kron. 16, 27–28; P. Mert. 111 105, 22.

⁴² P. Alex. 8, 8-9 (restored); P. Kell. 1 40, 9-10; P. Oxf. 10, 15; SB iv 7358, 10.

⁴³ P. Flor. 1 44, 15–17; P. Mich. 11 121 recto, col. 111 entry 3, l. 1–2; 121 recto, col. 1v entry 8, l. 1; x 587, 7–8; P. Tebt. 11 384, 18–20 (hypographê).

⁴⁴ Not indicated: P. Kron. 16. Not clear: P. Aberd. 56; P. Alex. 8; P. Flor. 1 44.

⁴⁵ P. Cair. Isid. 80, 12; P. Dura 20, 7–9; P. Kell. 1 40, 11–14. Cf. HENGSTL, Private Arbeitsverhältnisse (cit. n. 13), p. 29.

tract was not to provide the debtor with the credited capital, but to engage him at the service of the creditor in the course of the stated duration. The duration of the stay extends in these cases from several months to ten years.⁴⁶

P. Col. inv. 131 exhibits several features that are typical of loans with a service clause. One is the date and place of composition of the document. As shown by *P. Dura* 20, the service clause is not uniquely Egyptian. In Egypt it is attested in Kellis and in Alexandria, yet most of the documents – sixteen in all – stem from the Arsinoite nome, where *paramonê* was in employed in the villages as well as in the nome's capital. The popularity of the *paramonê* in the Arsinoitês is also demonstrated to by the relatively large numbers of contracts of its kind that were composed and registered in the *grapheion* of Tebtynis in the 40s. CE⁴⁷ The present document originates from Theadelphia, a village that has already yielded another sample of the same type of contract: *P.Oxf.* 10 (98–102 CE). As for the date, even though the *paramonê* as an institution was certainly in existence in the Ptolemaic period, with three or four exceptions all loan contracts with the service clauses are early Roman, with seven or eight, including P. Col. inv. 131 recto, dating to the first century CE.

Another fairly common feature is the plurality of the debtors. Three of the contracts in this group report two debtors, ⁴⁹ in two of which they

⁴⁶ BGU IV 1126: 3 years; CPR XVIII 18: 10 years; P. Mert. 111 105, 17–34: 4 months; P. Mich. V 241, 24–38: ten to twelve months; P. Mich. X 587: 1 year; P. Oxf. 10: 1 year; P. Tebt. 11 384: 1 year; PSI X 1120: 1 year; SPP XXII 36: two years. Cf. also P. Ross. Georg. 11 18, 274 (139–140 CE, Arsinoitês).

⁴⁷ Of a total of 1,434 contracts recorded in the *anagraphê* lists of 42–49 CE Tebtynis, forty-nine (that is around 3.5%) record a *paramonê*-related transaction: *P. Mich.* II 121 *verso* (28 April – 28 August 42 CE) 2, 17; 4, 14; 5, 13; 5, 21; 6, 3; 7, 21; 9, 7; 9, 8; 9, 18; 11, 3; 12, 15; *P. Mich.* II 123 *recto* (5 September 45 – 23 August 46 CE) 2.5; 3.11; 3.18; 6.7; 6.41; 8.3; 10.32; 11, 25; 11, 26; 12, 37; 12, 41; 12, 47; 13, 12; 14, 7; 19, 17; 22, 11; *P. Mich.* II 124 (46–49 CE) *recto* 1, 15; 2, 20; *verso* 1, 27; *P. Mich.* II 125.15 (5–14, 9, 45 CE); *P. Mich.* II 128 (*ca.* 29, 8–27, 9, 46 CE) 3, 19; 3, 39; *P. Mich.* v 237 (after 3 October 43 CE) 1, 4; 1, 6; 1, 13; 1, 17; *P. Mich.* v 238 *recto* (after 26 December 46 CE) 1, 21; 2, 56; 2, 69; 2, 104; 4, 167; 4, 168; 4, 207; 4, 208; 4, 212; 4, 213; *P. Mich.* v 240 (46–47 CE) 1, 39; 2, 58.

⁴⁸ Westermann, 'The *Paramone*', (cit. n. 13), pp. 35–37.

⁴⁹ P. Mich. v 241 24–38; P. Oxf. 10; P. Tebt. 11 384. Cf. also P. Mich. 11 121 verso 5, 21; 9,7; 9, 18; 12, 15; P. Mich. 11 123 recto 6, 41; P. Mich. v 237, 1, 4; P. Mich. v 238 recto 2, 104.

are also known to be relatives: in *P. Mich.* 241, 24–38 they are father and son; in *P. Tebt.* 11 384 they are siblings. The same phenomenon is also amply recorded in the related material.⁵⁰ In these instances, only one of the debtors personally undertakes service.⁵¹ This is also the case here: Pet[--] together with his wife Taarmiysis takes from Nepherôs a loan of fifty-two drachmas. For this, it is Pet[--] alone, not his wife, who enters a period of two years in Nepherôs' service. In this case, the debtor is to discharge his duties at the creditor's mill, a type of site specification that is not without parallels.⁵²

Eventually, the period of service came to an end. This event was marked by crossing out the document that gave evidence to its terms. The databank *Greek Law in Roman Times* («http://hudd.huji.ac.il/glrt_guest.aspx») currently records forty-nine crossed-out loan documents from the early Roman period.⁵³ In some of these contracts, the parties do not only apply *chiasmos*, but the creditor also adds, in his own handwriting, an acknowledgment of the recovery of debt.⁵⁴ Such is the case with

Loans taken by spouses in the context of a paramonê contract are also recorded in the petition BGU IV II39 (5 BCE, Alexandria); the anagraphê entries P. Mich. II 123 recto 3, II; II, 25; I4, 7; I9, 17; 22, II (45–46 CE); V 237, I, I3 (after 3 October 43 CE); 238 recto 2, 56 (46 CE, all the above from Tebtynis), and the petition P. Ryl. II 128, I8–20 (after 13 February 30 CE, Euhêmeria). BGU IV II54 (10 BCE, Alexandria), documenting the termination of a paramonê contract, records a loan taken by two brothers and the wife of one of them. In P. Mil. I 7 (38 CE, Theadelphia), likewise recording the termination of a paramonê contract, the borrowers are siblings. The anagraphê entry P. Mich. II 123 recto 6.41 records a loan taken by a father and his son.

⁵¹ HENGSTL, Private Arbeitsverhältnisse (cit. n. 13), p. 27.

⁵² Six paramonê contracts report the location in which the debtor was to discharge his duties: BGU IV II26, 9–10: $\dot{\epsilon}\nu$ $\dot{\phi}$ $[\kappa]\dot{\epsilon}[\kappa\tau\eta\tau\alpha\iota]$ | $\alpha\dot{\nu}\tau\dot{\eta}$ $\dot{\eta}$ $T\alpha\varphi\epsilon\sigma\iota\dot{\eta}s$ ζυτοπωλίωι; P. Aberd. 56, I4: $[\dot{\epsilon}\nu$ $\tau\dot{\eta}$ $\tau\sigma\hat{\upsilon}]$ $A\chi\iota\lambda\lambda\dot{\epsilon}\omega s$ $\tau\sigma\hat{\upsilon}$ καὶ $A\omega\nu\dot{\iota}\omega$ [νος $\sigma\dot{\iota}\kappa\dot{\iota}\alpha$]; P. Flor. I 44, 20–21: $\tilde{\eta}\tau\sigma\iota$] | $[\kappa\alpha]\tau'$ $\sigma\dot{\iota}\kappa\dot{\iota}\alpha$ $\tilde{\eta}$ κατ $\tilde{d}\nu$ $\tilde{\eta}\rho\dot{\iota}$ [ν. The same formulation is also used in P. Kron. I6, 27; P. Mich. V 24I, 33–34: $\pi\eta\lambda\sigma\pi\alpha\tau\dot{\omega}\nu$ (read $\pi\eta\lambda\sigma\pi\sigma\dot{\iota}\nu\tau\alpha$) $\tilde{\iota}\nu$ $\tau\dot{\omega}$ $\tau\dot{\omega}$ $\tau\dot{\omega}$ $\tau\dot{\iota}$ $\tilde{\iota}$ $\tau\dot{\iota}$ $\tilde{\iota}$ $\tilde{\iota}$

^{53 &}lt;a href="http://hudd.huji.ac.il/ArtLogon.aspx?project=GLRT&username=u_crossed+out+loans-2&password=kilsogyhcevoestfbkgp">http://hudd.huji.ac.il/ArtLogon.aspx?project=GLRT&username=u_crossed+out+loans-2&password=kilsogyhcevoestfbkgp>>>

⁵⁴ [The dates are of the settlement of debt] BGU I 101, 32–37 (= MChr 249, II5 CE, Arsinoitês); II 472 col. II passim (= MChr. 161, 141 CE, Karanis); P. Mich. IX 571, I9–32 (96–98 CE [?], Karanis); P. Oxy. II 267, 34–39 (= MChr. 281, 43 CE, Oxyrhynchos); P. Ups. Frid. 3,

the present document. However, differently from the above instances, the acknowledgment in P. Col. inv. 131 *recto* runs perpendicular to the contract, on the left margin from top to bottom.

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25–30 (123 CE, Oxyrhynchos); *PSI* x 1142, 30–31 (155 CE, Tebtynis); *SB* x 10234, 10–15 (= *P. Oxy.* 11 323 *descriptum*, 35 CE, Oxyrhynchos); 10246, 26–33 (= *P. Oxy.* 11 304 *descriptum*, 56 CE, Oxyrhynchos); *SPP* xx11 82, 9–12 (2nd cent. CE, Soknopaiou Nêsos).