I Example: Greek Text, Scholia

In this example, we show how scholia, or other short texts, can be edited using the XeLaTeX and the `ednotes` package with unicode Greek input, such that the apparatus appears as a collection of footnotes at the bottom of the page. In order to compile this file, you will need to have the Latin Modern Roman, Gentium Pro and Courier fonts installed on your computer.[1]

Sch. **2**

πολλάκις ἐν ταῖς κατὰ σύνθεσιν πτώσεσιν παράλληλος γίνεται ἡ ΒΓ τῇ ΔΑ· διὸ τότε αὐτόθεν δίδοται ἡ ΒΑ περιφέρεια, διὰ τὸ δοθείσης τῆς ὑπὸ ΖΔΒ δίδοσθαι καὶ τὴν λείπουσαν εἰς τὴν μίαν ὀρθήν, τουτέστι τὴν ὑπὸ ΒΔΑ· δίδοται ἄρα καὶ ἥ τε ΒΑ καὶ ὅλη ἡ ΓΒΑ.

Note, for example, that we can locally change the modulus for line numbers, if there are very few lines.

[1] We thank Fabio Acerbi for permission to use his work.

1 ΔΑ] ΒΑ *codd.* **2** ΒΑ] ΓΑ **C** | ΖΔΒ] ΖΑΒ **K**

We can then have another scholium at some later point in the text.

Sch. **3**

ὅταν μὲν ἡ ἀπὸ τοῦ Η ἐπὶ τὸ Α ἐπιζευγνυμένη ποιῇ τὰς ὑπὸ ΔΑΗ ΑΗΒ γωνίας δύο ὀρθῶν ἐλάττονας, τότε ἡ ΑΔ συμπεσεῖται τῇ ΗΒ κατὰ τὸ Θ ὡς νῦν· ὅταν δὲ δύο ὀρθῶν μείζονας, τότε ἡ ΔΑ τῇ ΒΗ ἐπὶ θατέρῳ μέρει συμπεσεῖται, προσαναπληρωθέντων τῶν ΒΔΑ ΒΖΕ ἡμικυκλίων καὶ τῆς ΒΗ διαμέτρου, καὶ ἡ δεῖξις προβαίνει· ὅταν δὲ παράλληλος ᾖ ἡ ΑΔ τῇ ΒΗ, τότε καὶ τῇ ΚΛ παράλληλος γίνεται ἐξ ἀνάγκης, καὶ ὁ τῆς ΓΛ πρὸς ΛΑ λόγος συναφθήσεται ἐκ τοῦ τῆς ΓΚ πρὸς ΚΔ· ὁ γὰρ τῆς ὑπὸ τὴν διπλῆν τῆς ΑΒ πρὸς τὴν ὑπὸ τὴν διπλῆν τῆς ΒΔ τότε ἰσότητός ἐστι λόγος, τουτέστι τοῦ αὐτοῦ πρὸς τὸ αὐτό· ὥστε καὶ οὕτως ἡ δεῖξις προβήσεται.

Notice that we can place labels in the text and then refer to them by page and line number. For example, there are two occurrences of ὑπὸ in Sch. **2** (see 1.2, 1.3).

---

1 ὑπὸ] ἀπὸ **C** | ὀρθῶν] ὀρ$^{\theta}$ **BC**, ὀρθὸν **K** **2** μείζονας] *comp.* **B**, γωνίας *comp.* **C**, μιᾶς **K** **3** ΔΑ] ΑΔ **K** | θατέρῳ μέρει] **C**, θάτερα μὲν οὐ **BK** | προσαναπληρωθέντων] (προσ)ανα– **BC**, πρὸς ἀνα– **K** **4** ᾖ] ἦ **K** **5** συναφθήσεται] ἀναφθ– *codd.*, *dubitanter correxi* | ΓΚ] Γ (καὶ) **K** **6** ΚΔ] ΚΔ *scripsi*, ΚΓ *codd.* | ὁ γὰρ τῆς] *scripsi*, ὃ γί/$^{\tau}$ **BC**, ὃ γίνεται **K** **7** οὕτως] (ου)$^{\tau}$ **B**, οὗ **K**