THE DIFFERENCE BETWEEN THE OPTATIVE AND THE “MODAL” INDICATIVE IN HOMERIC GREEK: FOUR CASE STUDIES – PART 1: THE OPTATIVE

Keywords: mood and modality, optative, indicative, irrealis, Homeric Greek

Abstract

In epic Greek both the optative and the indicative (the so-called “modal indicative”) can be used in contexts where the degree of realization is uncertain or even impossible, while in Attic Greek only the indicative is used. In these two articles I discuss whether there is a difference between the optative and the modal indicative in these contexts and/or if it can be determined which was the original mood. As there are about 1500 optatives and 250 modal indicatives in Homer, it is not possible to discuss them all and, therefore, I focus on the passages in which aorist forms of γιγνώσκω, βάλλω and ἴδον appear, and those conditional constructions in the Odyssey in which the postposed conditional clause is introduced by εἰ μή with either a “modal” indicative or optative. The corpus comprises 100 forms (80 optatives and 20 indicatives), but in each example I also address the other modal indicatives and optatives in the passages, which adds another 50 forms to the corpus. In this part (part 1) I address the optative. First, I provide an overview of the research on the optative in Homeric Greek, discuss the different suggestions for the co-existence of the optative and indicative in these uncertain and/or unreal contexts, explanations which can be summarized into two categories, those assuming that the indicative replaced the optative and those arguing that both moods were original, but had different meanings. Then I explain why this corpus was chosen, prior to the analysis that focuses on two elements, namely the temporal reference (does the mood refer to the past or not) and the degree of possibility (is the action described likely, possible, remotely possible or unlikely/impossible). Initially I consider the optatives with a past reference, then the optatives that could be interpreted as remotely possible or
unlikely/impossible (“irrealis” in the terminology of Classical Philology) and conclude by discussing two passages that have been reused in the epics in different contexts with different protagonists and, consequently, with different modal meanings for the same forms. The conclusion of the first part of the article is that the optative was at the most unreal extreme of the irrealis-continuum and could initially refer to the present and future, as well as the past, but that the instances in which there was an exclusive past reference were (very) rare.¹

1. Previous scholarship on the Homeric moods: The optative and the _irrealis-continuum_

The literature on the moods in Homer is extensive,² and in general there seems to be agreement that the subjunctive conveys “will” and “expectation”, with the optative “wish” and “possibility” (in Delbrück’s words “Wille”, “Erwartung”, “Wunsch” and “Möglichkeit”). However, many scholars differ in their analyses of the “Grundbedeutungen” and the origins of the moods: which meaning of the subjunctive and optative was the original can probably never be answered with certainty and it is even possible that both meanings were original.³ One of the

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² I cite (although the list is not exhaustive) von Bäumlein (1846), Novotný (1857), Aken (1861, 1865), Delbrück (1871, 1879, 1902), Lange (1872, 1873), Weber (1884), Masius (1885), Chitil (1899), Hammerschmidt (1892), Vandaele (1897), Lattmann (1903), Mein (1903), Mutzbauer (1903a, 1903b, 1908), Methner (1908), Walter (1923), Gonda (1956), Brunel (1980), and Willmott (2007, 2008), in addition to the discussions in the grammars of Buttmann (1810: 494–514), von Thiersch (1826: 519–538, 607–699), Krüger (1859: 96–110, 130–135, 137–150), Vogrinz (1889: 266–277, 341–383), Kühner and Gerth (1898: 217–289), Schwyzer and Debrunner (1950: 301–338, with a bibliography until 1950), Chantraine (1953: 205–264), and Chantraine and Casevitz (2015: 237–343, 389–415).

³ This discussion is generally believed to date back to Delbrück (1871: 14 and passim where it was argued that ‘will’ was the original meaning of the subjunctive and ‘wish’ that of the optative and that the other meanings originated from the two “Grundbedeutungen”, see also 1897: 365–373, 1902: 326–336) and Mutzbauer (1903a: the subjunctive as an original expectation, 1903b: the optative as an original wish, 1908, as well as Walter 1923). Brugmann (1904: 579) considered the original meaning of the subjunctive to be voluntative, but thought that the optative had always possessed the meaning of wish and possibility (1904: 583, 1925: 197). See also the discussions in the traditional Homeric grammars, such as Monro (1891: 287–293).
constructions where the optative seems to have maintained its notion of wish is in the conditional clauses and the indirect questions introduced by εἰ: they are believed to continue the old wish clauses, “if only”, but this theory (although accepted by most scholars), has failed to gain universal agreement, and only a detailed study per mood and per epic work could resolve the problem. While there is no clear agreement about the origins of the moods, the traditional description of a continuum [as suggested by Vogrinz (1889: 267–274), although without using the term “continuum”], with the indicative being the most “realistic”, the subjunctive referring to the “expected” and the optative to the least certain, best explains the data (in this scenario the optative described something that the speaker considered possible, but which could or could not be realized, and neither the speaker nor the hearer had any certainty about this). In this “Vogrinz-irrealis-continuum”, the optative expressed both a wish and a possibility across the entire range of nuances (likely, possible, unlikely). There is also another (more “famous”) continuum

4 Delbrück (1871: 238–240), Lange (1872: 356, 386, 401–402 passim and 1873), Monro (1891: 285–291), Schwyzzer and Debrunner (1950: 680–688), and Chantraine (1953: 274–279). Traditionally, Lange (1872, 1873) is considered to be the first to state that the conditional clauses were original wishes, but this had already been observed at least as early as von Thiersch (1826: 603–604, 628). Delbrück (1871: 72–74) questioned this explanation, noting that it was possible, but that he preferred not to make a judgement on it. In addition, I also refer to the analyses of βάλοιμι in Iliad 16,623 by Delbrück (1871: 240), Lange (1872: 356), Ameis and Hentze (1881: 57), Leaf (1888: 265) and of καλέσειε in Iliad 24,74 by von Thiersch (1826: 603–604, 628), Krüger (1859: 98), Delbrück (1871: 196), La Roche (1871: 102), Lange (1872: 326), Ameis and Hentze (1888: 102), Leaf (1888: 441), Monro (1891: 285), Schwyzser and Debrunner (1950: 320–324), Chantraine (1953: 216), and Brügger (2017: 49).

5 Tabachovitz (1951), followed by Hettrich (1992: 265–266), vehemently disagreed with this theory and argued that the conditional clauses had always been subordinated and were never independent paratactic wish clauses (see Delbrück’s stance).

6 For Homer and Greek in general, see von Thiersch (1826: 520–522), Rost (1826: 451–461 for the main clauses, 463–487 for the subordinate clauses), Matthiae (1827: 974–991 for the main clauses, 992–1031 for the subordinate clauses), Bernhardy (1829: 384–414), Hartung (1833: 233–331 about the optative and indicative), Kühner (1835: 100–111), Krüger (1859: 96–110, specifically for Homer), Goodwin (1865: 65–146, 1900: 280–282), Delbrück (1871 passim, but only on the subjunctive and optative), Vogrinz (1889: 266–278, specifically for Homer), Monro (1891: 285–298, specifically for Homer), Kühner and Gerth (1898: 200–260, 1904: 347–558), Gildersleeve (1900: 168–190), Brugmann (1900: 498–514, 551–579), Stahl (1907: 220–596), Schwyzser and Debrunner (1950: 301–354 and 619–689), Chantraine (1953: 204–299), Smyth and Messing (1956: 491–527), Humbert (1960: 110–132, 182–246), and Chantraine and Casevitz (2015: 237–268, specifically for Homer).

For Attic specifically, see – in addition to the works already quoted above – Buttmann (1810: 500), Madvig (1847: 120–154), Bizos (1961), Delaunois (1988: 76–134), Rijksbaron (2002: 39–94) and Van Emde Boas et al. (2019: 438–550).

For the Greek optative being irrealis see Cristofaro (2012: 132–133, 142–143).

7 That the optative simply conveyed something that could occur / has occurred, without indicating that this actually would happen, was noted at an early stage (and it was not limited to Homer) by Buttmann (1810: 499 using the term “Ungewissheit ohne alle Nebenidee”,...
in which the modal indicative is placed at the most unreal end of the spectrum. This is often called the “Greenberg-irrealis-continuum”, in spite of the fact that this division had already been suggested previously: von Naegelsbach (1834: 49, 98–99, 236–241, especially p. 238), Kühner (1835: 90) and Aken (1865: 21) noted that the past indicative was the most suited to indicate non-occurrence and/or impossibility, because it referred to a context that could no longer be changed, and Aken (1865: 21) as well as Seiler (1971, especially page 87) classified the moods in the order indicative – subjunctive – optative – past indicative (we should, therefore, refer to it as the “Aken-Seiler-Greenberg-irrealis-continuum” instead of simply the “Greenberg-irrealis-continuum”, but sadly this is viewed as being too long and impractical).

Recently, Tichy (2006: 304–305) described the moods as follows: the realis indicated what was foreseen as happening and what had timeless truth, the subjunctive was used for what was expected, and the optative for what was possible, probable or desirable, wheras a negated realis is something that is not foreseen nor has it happened, a negated subjunctive is something that is not expected and a negated optative is something that is improbable or it is desirable that it does not happen. Similarly, Fritz (2010: 393) described the subjunctive as having a future meaning,
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with two uses, future / prospective and will / voluntative, and considered the optative to be potential, with two uses, namely wish / cupitive and possibility / potential (ibid.: 394–395).

With the exception of Anatolian, many old Indo-European languages, besides Greek, have counterfactual and/or remote possibility-constructions that contain the Indo-European optative or forms that continue old optative forms. Following earlier scholars who noted that all these languages use different constructions, Hettrich (1988: 365, 1992, 1998) concluded that the PIE verbal system used the optative for both present and past potential without distinguishing between past potential and present counterfactual and without having a past counterfactual. He suggested the term “Fiktiv” (although he failed to note the term “modus fictivus” had already been used in Lattmann 1903), a term that would refer to a mood describing something unreal without indicating the exact degree of “un-reality”. This would in fact only differ marginally from the optative in the “Vogrinz-irrealis-continuum” discussed above.

An entirely different conclusion was reached by Hahn (1953) who argued that both the subjunctive and the optative were originated as future forms. Along similar lines, Willmott (2007: 53–111, especially page 111) claimed that the subjunctive was a future form and that the optative conveyed a “negative epistemic stance” (Willmott 2007: 113–152), and Fritz (2010: 395) posited that there was an “inhaltliche Nähe” between a subjunctive and optative. I would like to make two observations about these suggestions. First, the analysis resulting in the proposal of a “future-origin” poses certain problems, because if correct, it would mean that PIE had three different methods in which to form the future, namely the subjunctive, the optative and also the desiderative suffix *(h₁)s-. While this is not impossible, it seems nevertheless rather uneconomical. A reviewer of this journal highlighted that, while it would indeed be uneconomical to have three future formations, it might be preferable to omit the desiderative form, instead interpreting it as a genuine desiderative form that had not yet become a simple future form and, thus, simply focus on the two moods. Even if the desiderative form is not included in the discussion, the problem remains that the future formations of Latin and Greek can be traced back only to

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9 For an overview of the scholarship and a detailed discussion, see the references in Hettrich (1998) and also De Decker (2015: 222–223, 2021: 138–170).

10 Delbrück (1871: 28–29, 1897: 371, 401), Brugmann (1916: 861–863, 1925: 215), Greenberg (1986: 248), Hettrich (1988: 365, 1992, 1998), Strunk (1997: 148), Tichy (2002: 194, 2009: 98), and Mumm (2011: §2.3).

11 Hettrich (1988: 365), adopted by Tichy (2002: 194) and Mumm (2011: §2.3). Cristofaro (2012: 132–133 and 142–143, see above) applied the term irrealis to the Greek optative (both in Homeric and Classical Greek), but did not distinguish between present potential, past potential and optativus obliquus. Delbrück (1871: 28–29) had previously shown that the optative could be used for each nuance of (un)likelihood.

I refer to the editors’ note before Harris 1986: “however, the boundary between potential and unreal conditionals is less clear-cut than between real and either of them, and the time parameter is less clear-cut in potential and unreal conditions than in real conditions” (the underlining is mine).
the subjunctive (such as the Latin *aget* ‘s/he will carry’ and the Greek *άγῃ(σι)* from *h₂eǵ-e-e-ti*) and those instances of the Greek optative with a future and/or imperative meaning seem to be secondary and, in addition, can also be explained through the irrealis-continuum. I would, therefore, prefer to adhere to the traditional explanation that only the subjunctive in PIE had a future meaning and not the optative. Second, the interpretation of the optative as a “negative epistemic stance” might seem radically different from what had been argued before, but in spite of what Willmott herself argued, there is not so much difference between her analysis of the optative and that of the more traditional or earlier scholars, such as Delbrück, Kühner, Gerth, Schwyzer, Debrunner or Chantraine. In fact it is possible to label the optative as having an “uncertain epistemic stance” and in that sense it would not be different from Lattmann’s “modus fictivus” nor from Hettrich’s “Fiktiv”. I will, therefore, consider the optative the mood of (remote) possibility and wish.\(^{12}\)

The continuum mentioned above also provides an explanation for two somewhat more unexpected uses of the optative, namely (first) that there are several examples where the optative (mostly with a modal particle) is used besides a future form and seems to be synonymous with it (although several scholars still note a modal difference),\(^{13}\) and (second) that the optative (mostly with a modal particle) could be used as a quasi-synonym for an imperative.\(^{14}\) These two uses only pose an apparent problem, as they could be interpreted as an extension of the aspect “likely (to occur)” described above.

Two specific uses of the Greek optative can be included in and explained by this framework as well. In Classical Greek the rule is that a subjunctive (and sometimes an indicative as well) in a subordinate clause can be substituted by an optative (which is called an “optativus obliquus”) when the verb in the main clause, or in the clause of which the subjunctive (or indicative) depends, is in the past.\(^{15}\) While this rule was not absolute in Classical Greek and the reasons for this substitution are

\(^{12}\) I refer for more details to De Decker (2015: 205–210 and 221–240).

\(^{13}\) Buttmann (1810: 500, 503), Rost (1826: 453–454), von Thiersch (1826: 641), Kühner (1835: 110, 1870: 199–200), and Kühner and Gerth (1898: 233, 235) considered the forms to be near-synonyms, but still noted a difference in the modal nature, while Aken (1861: 42), Vogrinz (1889: 274), and Ameis and Hentze (1900: 124) considered them to be synonymous.

Willmott (2008) did not see any differences per se, approaching the optative on different modal axes and arguing that the optative had many different meanings related to the abilities of the actor.

Monro (1891: 273) argued that the optative could occur together with the future, but did not state that it was synonymous, while Chantraine (1953: 221) mentioned that the optative and modal particle could be used as a synonym for an imperative, but did not postulate that it could be used for the future.

\(^{14}\) Buttmann (1810: 500, 503), von Thiersch (1826: 641), Bernhardy (1829: 410), Kühner (1835: 108–109, 1870: 198–199), Aken (1861: 44), Kühner and Gerth (1898: 233–234), Schwyzer and Debrunner (1950: 322–323), and Chantraine (1953: 221).

\(^{15}\) Buttmann (1810: 494–495, 1819: 322–323), Kühner (1834: 80–81, 1835: 470–478, 482–488, 1870: 215–222), Madvig (1847: 139–143), Krüger (1846: 184, 186), Aken (1861: 74–76), Kühner and Gerth (1898: 250–259, 1904: 427–436), and Bornemann and Risch (1973: 235–236).
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The statement that the optative was the past tense of the subjunctive, as made by Kühner (1834: 80), because of the difference in endings and temporal reference is no longer tenable, but the issue cannot be addressed here.

See also the notes below.

Rost (1826: 464–465), von Thiersch (1826: 520–521, 611–612), and Bernhardy (1829: 406–414) considered that both the optative and subjunctive maintained their own meaning, even in the subordinate clauses. Along the same lines, Matthiae (1827: 994–996) argued that in subordinate clauses the subjunctive indicated the will, while the optative only suggested a wish (a view Delbrück would later expand upon).

Curtius (1864: 239–240) claimed that the optative was used when the narrator related the opinion of someone else and not that of him/herself.

Delbrück (1871: 82–83, 248–256, 1897: 402–403) argued that the optative was used in the subordinate clauses, because the events had become less likely and the mood was the only way to indicate this. Similarly, Brugmann (1900: 508–510), Gildersleeve (1900: 128–132, 157–158), Schwyzer and Debrunner (1950: 332–336), Chantraine (1953: 223–224), Humbert (1960: 121–123, 187–188), and Chantraine and Casevitz (2015: 257–258) interpreted the optative as an original past potential.

Kühner and Gerth (1904: 380–381) and Smyth and Messing (1956: 494–495, 584–595) argued that the subjunctive was used when the action was conceived as likely (especially in the purpose clauses).

Stahl (1907: 237, 244, 315–335 (with the data regarding the (non-)substitution in Attic on pages 332–333)) argued that this optative was in origin the "Modus der Vorstellung".

Kühner and Gerth (1904: 430), Rijksbaron (2002: 52–53) and van Emde Boas et al. (2019: 499–501, 509–511) argued that the optative described the opinion of the narrator, while the subjunctive or indicative (the direct speech moods) referred to what had actually been said.

Most scholars seem to accept this distinction, as in Buttmann (1810: 485–486), Rost (1826: 470–477, 481–482), von Thiersch (1826: 657–659, 681), Matthiae (1827: 992–1002 for the purpose clauses), Bernhardy (1829: 401–402), Kühner (1835: 487–488), Krüger (1859: 102, 147), Goodwin (1865: 70–71), Delbrück (1871: 83), Vogrinz (1889: 375–386, with a discussion of disputed readings and a list of possible corrections, although several are unnecessary in my opinion), Monro (1891: 279–280, describing that the optative is used when immediate fulfilment is not envisaged), Ameis and Hentze (1898: 21), Chitil (1899, who called the subjunctive the "modus energeticus"), Mutzbauer (1903b: 632), Kühner and Gerth (1904: 380–381), and Smyth and Messing (1956: 494–495). Chantraine (1953: 269) pointed out that the subjunctive was more common in purpose clauses than the optative, even after verbs of the past and that the optative was used when there was a link with the past but the fulfilment was less certain (ibid.: 223, Chantraine and Casevitz 2015: 256).

Other scholars such as Novotný (1857: 1), and Curtius (1864: 242, mentioning that the use of the subjunctive after secondary tenses was very rare), have also argued, however, that the traditional distinction (subjunctive after primary tense and optative after secondary tense) was in fact valid.

The issue was not addressed in Faesi (1862: 18–19), Düntzer (1863b: 133–134) nor in Hoekstra (1898: 182).

The distinctions between subjunctive and optative as described in Willmott (2007) can account for the different uses of the moods as well (I argued earlier that her analysis differs much less from earlier scholarship than she claimed it did).
the difference between a subjunctive and optative is not mechanically regulated, but based on the original meanings of the optative and subjunctive (more specifically the optative indicates that the event was less likely to occur, which is in agreement with its “position” at the end of the “Vogrinz-irrealis-continuum”).

The “optativus iterativus” refers to a repeated action in a subordinated clause that is dependent on a verb form in the past and could, therefore, be considered a special instance with regard to the previous example (the optativus obliquus). The question is whether or not the iterative notion is expressed by the optative. Many earlier scholars assumed that, as in later Attic, the optative in Homer could in fact convey the iterativity, while others assumed that this use did not yet exist in the Homeric conditional clauses. As was the case with the category discussed above, the optative itself might have expressed the possibility (in this case in the past) and the iterative notion might have come from the context. This use could also be perfectly explained by the position of the optative at the end of the “Vogrinz-irrealis-continuum”. A special case of this iterative use in epics is that of the optative and an -σκ- iterative form. As will be seen later, these optatives often have an exclusively, and indeed solely, past reference, which is relatively rare with the other optatives.

18 Earlier scholars believed that the optative could in fact convey the iterative notion: Buttmann (1810: 502), Rost (1826: 464), Matthiae (1827: 1005–1008), Bernhardy (1829: 406–407), von Nae-gelsbach (1834: 91–92), Faesi (1858b: 192), Curtius (1864: 247, 250–251, stating nevertheless that this optative was very close to a potential optative), Goodwin (1865: 130–131, 1900: 297–298 pointing out that this use only occurred once in Homer, 306), and most recently also Jacquinod (2017: 692).

19 Krüger (1859: 148), Lange (1872: 372–373, 401), Monro (1891: 284, he argued that only in the conditional clauses was this use unknown, while in other clauses the optative might have already had an iterative meaning).

20 Hermann (1831: 141), Kühner (1835: 103–104, 1870: 216–217), von Bäumlein (1846: 284–285), Delbrück (1871: 223–227), Lange (1872: 372–373, 401), Vogrinz (1889: 382), Mutzbauer (1893: 7–8, 23–24), Kühner and Gerth (1898: 252–257, 1904: 427), Brugmann (1900: 508–509), Schwyzser and Debrunner (1950: 335–336), Chantraine (1953: 224–226), Smyth and Messing (1956: 528–529 specifying that this type of optative originated in the temporal clauses and was attested only once in a conditional clause in Homer, 546–547), Humbert (1960: 217–218, 221 – considered “iterative” to be an incorrect name and interpreted it as a potential optative, see also below), Pagniello (2007), Willmott (2007: 174–184), and Chantraine and Casevitz (2015: 257–258).

21 Many of the scholars quoted above used Homeric examples in which an optative and an iterative form were combined, but the issue itself was discussed in more detail in Stolpe (1849: 36–39), Týn (1860: 677–681, 685–686), Delbrück (1897: 62–63), Kluge (1911: 56–57), Schwyzser and Debrunner (1950: 335–336, explaining this form as a past potential), Chantraine (1953: 223–224 interpreting this form as a past potential as well), Zerdin (2002: 117–118), Pagniello (2007, also interpreting this form as a past potential), and Chantraine and Casevitz (2015: 257–258, interpreting the optative as a potential as well and observing the existence of a very thin line between the optativus obliquus and optativus iterativus).

Monro (1891: 279, 282–283) described the iterative use of the optative, but did not link it with the iterative forms and Mutzbauer (1893: 7–8) stated that not even the iterative forms conveyed the iterative meaning, as they were already moribund, and that only the tenses contained this meaning.
2. “Problemstellung” and explanations for the co-occurrence of the optative and indicative

2.1. “Problemstellung” for the unreal events

While the “optativus obliquus” and the “optativus iterativus” on the one hand, and the future and imperative use of the optative fit into this schema, the constructions for the unreal events pose a problem, as even in Homer they use both the indicative and the optative. For the former, the term “modal indicatives” is often used.\(^{22}\) In Attic Greek the distinction between the past and present in the irrealis constructions is traditionally described as follows: the imperfect (indicative) refers to the present and the aorist and pluperfect to the past, but often the distinction between the imperfect and aorist is not that of the present versus the past, but rather one of aspect (mostly leading to an imperfect being used in a past counterfactual).\(^{23}\) In Homer the situation is different, as both the indicative and the optative could be used in contexts in which the realisation of an action was uncertain and/or in which the reference was clearly to the past,\(^{24}\) but even in Ionic prose, mostly in Herodotos,

\(^{22}\) For this term see Monro (1891: 293 “modal uses of the indicative”), Brugmann (1900: 512–514 “Augmentpräterita modal gebraucht”), Schwyzer and Debrunner (1950: 344–354 discussing “modal gebrauchte Indikative”) or Chantraine (1953:225–229), and Chantraine and Casevitz (2015: 258–264 in their subchapter on the “indicatif modal”).

\(^{23}\) Buttmann (1810: 499, 1819: 324–325, he did not address the aspectual differences, but only stated that the imperfect was used for the present and timeless contexts and the aorist for the past), Rost (1826: 470, without addressing the aspectual differences), Matthiae (1827: 964–967), Bernhardy (1829: 390, without addressing the aspectual differences), Hartung (1833: 233–240), Kühner (1835: 89–93, 546, 554, 1870: 174–175, 191–197), von Bäumlein (1846: 93–169), Krüger (1846: 182–183, 190–191), Madvig (1847: 116–120), Aken (1861: 47–48, 1865: 31–32), Curtius (1864: 245–246), Goodwin (1865: 93–94, 1900: 285–286, 298–300), Kühner and Gerth (1898: 212, 231–233, 1904: 468–472), Brugmann (1900: 513–514), Gildersleeve (1900: 169), Nutting (1901: 298), Stahl (1907: 280–281), Kieckers (1926: 54), Schwyzer and Debrunner (1950: 344–351), Smyth and Messing (1956: 515–520), Humbert (1960: 110–113), Bizo (1961: 158–161), Bornemann and Risch (1973: 229–230), Delaunois (1975: 5–7, 1988: 96–106), McKay (1981), Krisch (1986: 22), Greenberg (1986: 249), Hettrich (1992: 267, 1998), Gerö (2001: 188), Rijksbaron (2002: 73), and von Emde Boas et al. (2019: 442–443).

\(^{24}\) Von Thiersch (1826, he argued on page 517 that a past reference was possible for the optative and even the subjunctive, and on pages 637–638 that both the indicative and optative had a past reference, but that the optative was only imagined, while the indicative was depicted as “real”), Matthiae (1827: 964–971, noting that the indicative was more certain as to the past reference), Hartung (1833: 252–258, a past tense reference, linked with the past tense), Kühner (1834: 80–81, 1835: 104–111 (in fact timeless), 554–556, 1870: 191–198), von Bäumlein (1846: 71: 294–295, stating that this was rare), Krüger (1859: 100, 103–104, 138), Curtius (1864: 247–248, pointing out that the constructions with the optative and indicative were “mixtures”), Düntzer (1864: 132), Aken (1865: 31, but cf. infra), Goodwin (1865: 101–190, 299), Ameis and Hentze (1871: 72), Delbrück 1871: 28–29, 210–214, 1897: 398–404), Lange (1872: 401), Gerth (1878), Koppin (1878: 124–131), Vogrinz (1887: 267–274), Monro (1891: 273–274, 293–295), Kühner and Gerth (1898: 232), Brugmann (1900: 505–506, 512–514, 1904: 584), Gildersleeve (1900: 172–176, with some examples from Attic Greek as well), MUTzBAUER (1902, 1903b), MEIN (1903: 6), Stahl (1907: 239 – he considered the optative to be timeless and stated that it later lost its past reference, 245, 280–281), Van Pottelbergh (1939: 8), Schwyzer and Debrunner (1950:...
as well as in Attic drama (as examples I quote Aiskhylos Agamemnon 37–38 and Sophokles Elektra 548) and prose, there are still instances of the optative, although the Attic prose examples are often corrected into indicatives.

This raises several issues, such as what is the distinction between present and past potential, what is the difference between past potential and counterfactual, what role does the temporal reference play in this discussion, for in many instances the temporal reference does play a role: an event that is situated in the past and that did not occur, is by definition contrary-to-fact, because it has not happened and cannot happen again, but for many events situated in the future (however unlikely they may be) it might be argued that they could still materialize, and finally, the fact that both the optative and indicative appear in contexts with a low or even non-existent degree of probability puts the validity of both the “Vogrinz-irrealis-continuum” and the “Aken-Seiler-Greenberg-irrealis-continuum” in doubt, because in each scenario there is only one mood to relate the “(very) unlikely” and the “unreal”.

I would agree with earlier scholars that it is (often almost) impossible to distinguish definitively between past potentialis and irrealis, and would, therefore, describe the use of the optative as having the following scale of meanings: likely – possible (potentialis in the traditional terminology) – remotely possible – unlikely / impossible / unreal (irrealis in the traditional terminology).

One final remark involves the origins of the conditional clauses. While I personally feel the explanation that they are old wishes to be correct (see the statement above), this issue is not relevant in the current discussion.

2.2. Explanations for the co-occurrence of the optative and indicative

For the origin of the indicative, the co-occurrence of the optative and the indicative, and the expansion of the indicative and eventual disappearance of the optative in

324, 328–329, 344–345), Chantraine (1953: 218), Smyth and Messing (1956: 520), Humbert (1960: 119–121), Brunel (1980: 240), Strunk (1997: 148), Hettrich (1958), Chantraine and Casevitz (2015: 246–248, 252–254), and De Decker (2015: 221–240, 2021: 138–170).

This is not discussed in Wachter (2000).

Kühner (1870: 196–198) mentioned that the past reference of the optative in Attic was possible, but very rare. For the examples see Hartung (1833: 255, discussing an example from Herodotos), Aken (1861: 44–45), Gerth (1878, accepting the corrections), Gildersleeve (1900: 173–175, also accepting the corrections), Kieckers (1926: 35–36, 53–58), Chantraine (1953: 213), and De Decker (2015: 209–211, 2021: 148–149).

For the use of the optative with (alleged) counterfactual meaning in Attic see footnotes 6 and 7.

Goodwin (1900: 285) used the term “potential indicative” instead of “irrealis”. Schwyzzer and Debrunner (1950: 346–347) used the term “Potentialis der Vergangenheit”. Delaunois (1975; 1988: 96–106) and Basset (1988, 1989: 224–226) argued that there was only a past potential, while Wakker (2006) argued that there was only a counterfactual in Greek. Humbert (1960: 224–225) stated that in the present and future there is a difference between potentialis and irrealis, but that this distinction ceases to exist in the past and similarly, Van Emde Boas et al. (2019: 443) stated that there was in fact no difference between these two terms. See also the terms “modus fictivus” and “Fiktiv”, discussed above. These are terminological discussions.
these contexts, six different explanations have been provided, which can be summarized within two larger categories, namely those assuming that a difference exists between the indicative and the optative, and those assuming that the indicative eventually replaced the optative. I discuss them below, starting with the three that assume a semantic difference, before moving on to those arguing for the substitution.27

1. The past indicative was used for something that could never have happened, while the optative referred to something that might have been unlikely, but could still have happened.28 The problem with this assumption is the same as with the explanation that argues the opposite (explanation 3), namely that the examples that allegedly display this difference are not probative, with unequivocally unreal examples existing with the optative, such as *Iliad 1,232 and *Iliad 5,318–319, and additionally in several other instances an unreal reading of the optative is possible, such as *Iliad 1,255–257 and *Iliad 24,565–567.

2. Dunkel (1990, 2014b: 33–35, 397, 430) argued that there were three different particles, each with different uses in PIE, which merged in Homeric Greek: the PIE *än was used with the indicative in counterfactual contexts (still visible in the Greek ἄν and in the Hittite particle man, which he reconstructed as *ma an), *ke was deictic and *kem was emphatic (it could be argued that this is an extended version of explanation 1). I see at least two problems. Dunkel’s proposal cannot explain how the optative would have intruded into the field of the indicative, if the counterfactual and potential were as sharply distinguished as he argued. At the same time the optative did not replace / “compete with” the indicative in the εἰ μή clauses. If both coexisted and intruded into each other’s domain, it would be expected that specific examples would have been found. Second, the assumption that three different particles originated with three different meanings, which evolved into three particles used interchangeably, each having

27 This transition was analyzed in greater detail in De Decker (2015: 221–240 and 2021: 150–162). Jacquinod (2017: 692) noted that the indicative is already being used for the counterfactual in Homer (“makes its first appearance in Homer”), but does not address the issue in detail.

28 Buttmann (1810: 498–499), von Thiersch (1828: 611–613, 638), von Naegelsbach (1834: 49, 98–99, 236–241, especially p. 238), Kühner (1835: 90), Aken (1861: 26–48, 1865: 21), in his discussion of *Iliad 5,311 Düntzer (1866a: 168, 1873: 176) argued that normally the indicative aorist was used and that when the optative was used, it still conveyed the notion of a limited and conditional possibility (in his words: “bedingte Möglichkeit”), Delbrück (1871: 211), Wilhelm (1881, especially page 11 where he discussed *Iliad 5,679–680 and 1,257–259), and in his discussion of *Iliad 5,311 Leaf (1886: 164) noted that the optative was timeless without the notion of pastness. See also (the much later) Seiler (1971, especially page 87).

Besides the two scholars mentioned above, many others assume that there is an inherent relationship between the past tense and the counterfactual because both are removed from the present, e.g. Nutting (1901) for Greek and Latin; Kendrick Fritchett (1955: 8–9) and Seiler (1971) for Greek; Steele (1975), Langacker (1978), James (1982, 1991: 285), Fleischman (1989), and Hofling (1998) – these are only selected texts. Others argue that the past tense alone is not enough to mark the contrafacticity, see e.g. Givón (1994), Dahl (1997), Verstraete (2005: 230–231), Lazar (2006), Van Linden and Verstraete (2008: 1867) – Gerö (2001) for Greek. In addition, there are indeed languages where future-based tenses are used for the counterfactual constructions, see Robert (1990), Verstraete (2005), and Michael (2014).
only two meanings, is unfalsifiable, because any difference in meaning between these three can be countered by saying that the meanings had merged.

3. The last semantic suggestion is that the two different constructions coexisted, because they had different meanings, namely the optative referred to an unlikely event and the indicative to something that did not happen, but could very well have happened (the reverse of suggestion 1 and 2). As evidence for this, two passages are used, namely *Iliad* 2,155–156 describing in the indicative how Athene prevented the Greeks from returning home before Troy had been laid waste and *Iliad* 5,311–312 relating how Aphrodite prevented Aineias' death. The construction in the optative was thought to be impossible, because Aineias was of divine descent, while the return of the Greeks before the fall of Troy was considered possible. Two observations have to be made: first of all, divine descent is by no means a guarantee for survival, as in the case of Sarpedon and Akhilleus, sons of Zeus and Thetis respectively, and second, that the return of the Greeks would be possible, is highly unlikely, as everybody in the audience knew that Troy was eventually going to be destroyed (as was also argued in De Decker 2015: 233, 2021: 160–162).

Now I proceed to the substitution scenarios.

4. The optative initially expressed the potential and counterfactual nuance, but was replaced by the indicative of the past in the instances that referred to a past event, as the former did not allow for a clear temporal distinction, while the latter permitted a distinction to be made between “this could happen (in the present or future)” and “this could have happened (in the past)”. This explanation is supported particularly by the fact that a majority of modal indicatives have a past reference, while only a small majority of optative forms have a past reference. A closer look at the data from the *Odyssey* will make this clear. Of the 105 modal indicatives in the *Odyssey* 15 (or 18, cf. infra) appear in an εἰ μή-clause and have an exclusively past reference. Of the 90 remaining modal indicatives, 29 Basset (1989: 220–230) noticed the differences between the constructions, but did not state that the indicative replaced the indicative. Willmott (2007: 48–52 – in 2008 she discussed the potential optatives but did not address the issue of the substitution nor the counterfactuality). For a rebuttal of Willmott’s arguments, see De Decker (2015: 228–235, 2021: 160–162) to which Polsley (2019: 8) replied that this analysis failed to take into account any narrative factors, but as was argued in De Decker (2021: 160–162), there is no difference in the contexts and appearances of the instances in the indicative and the optative, rendering the narrative and semantic explanations insufficient.

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30 Koppin (1878: 126–131), Brugmann (1890: 191–194, 1900: 513–514, 1904: 584, 586), Debrunner (1921), Chantraine (1953: 226–228: “Mais, pour marquer plus nettement le passé, on a commencé à se servir de l’imparfait ou de l’aoriste de l’indicatif, à qui la particule conférait une valeur modale”), and Brunel (1980: 236 – he agreed, but did not mention any of these scholars).

This suggestion was not addressed in Krisch (1986), Ruijgh (1992), nor in Hettrich (1998). Willmott (2007: 48–52) only discussed Ruijgh, but did not mention the others.

31 The instances are the *Odyssey* 4,364 (ἀλλοφύρατο), 4,364 (ἐλέησε), 4,503 (ἐκβαλε), 4,503 (ἀάνοθη), 5,427 (θῆκε), 5,437 (δῶκε), 13,385 (ἔειπες), 16,221 (προσεφώνεεν), 21,227 (ἐρύκακε), 21,227
61 instances have an exclusively past reference, and 28 could refer to the past, but also to the present (or even the future). Some instances with both a past and non-past meaning can be questioned, as the action could very well be situated in the past and continue into the present, but it could also be argued that the action could refer to an action that is not past. Of the approximately 750 optatives (unreal or not), 377 do not refer to the past (only the present or future), 323 are timeless or can refer to the past, present and future, with only 52 having an exclusively past reference. Of those optatives with a past reference, 24 are used with an iterative form in -σκ-, and 2 are linked with φάσκω (which might in any case have been an iterative), 6 are used in an iterative context without the iterative form

(φώνησεν), 23,342 (ἐνόησε), 24,42 (παῦσεν), 24,51 (κατέρυκε), 24,530 (ἡύσεν), 24,530 (κατά δ’ ἐσεχθέ). 32

The indicatives in the Odyssey are 1,237 (δάμη), 1,239 (ἐποίησαν), 3,255 (ἐτύχθη), 3,256 (ἔτετμεν), 3,258 (ἔχευαν), 3,259 (κατέδαψαν), 4,292 (ἤρκεσε), 4,293 (ἦεν), 4,294 (πυθόμην), 4,295 (κατέφθιτο), 4,296 (ἐξήρατ'), 5,311 (ἦλθε), 5,312 (ἔλαχον), 5,426 (δρύφθη), 5,427 (ἀράχθη), 5,436 (ὤλετ'), 6,282 (εὗρεν), 7,278 (βιήσατο), 9,79 (ἱκόμην), 9,228 (ἦεν), 9,303 (ἀπωλόμεθ'), 9,304 (δυνάμεσθα), 9,334 (ἦθελον), 9,497 (ἀκουσέ), 9,498 (ἀρατ'), 11,317 (ἐξετέλεσσαν), 11,418 (ὀλοφύραο), 11,565 (προσέφη), 11,650 (Ἰδων), 12,71 (βάλεν), 12,446 (ὑπέκφυγον), 13,157 (ἐκείνη), 13,158 (ἡλθε), 13,206 (ἔκτομη), 14,37 (διεδήλησαν), 14,38 (κατέχευας), 14,39 (ἐποίησαν), 16,220 (ἔδυ), 19,283 (ἤην), 20,223 (ἐξικόμην), 21,226 (ἐδο), 23,22 (ἡγήσεται), 24,32 (ἐνόησαν), 24,42 (παῦσαν), 24,42 (παῦσαυσαθα), 24,42 (παῦσαμεν), 24,61 (ἐνόησας), 24,90 (θηήσαο), 24,381 (ἔλυσα), 24,382 (ἐγήθεις), 24,528 (ὀλοφύραθην). 34

The indicatives in the Odyssey are 1,240 (ἠρατ'), 2,184 (ἀγόρευες), 3,261 (κλαῦσεν), 4,172 (ἔδωκε), 4,174 (νάσσα), 4,174 (ἔτευξα), 4,177 (ἐμισγόμεθ'), 4,178 (διέκρινεν), 4,179 (ἄμφεκάλυψεν), 5,311 (ἥγον), 9,211 (ἦεν), 10,84 (ἐξήρατο), 13,206 (ἔκτομη), 13,207 (ὀπασσεν), 14,62 (ὁμηρεσκε), 14,63 (ὅπασσεν), 14,67 (ἄνεγερε), 14,67 (ἐγήρα), 14,370 (ὕρατ'), 18,264 (ἐκρίναν), 18,402 (μετέθηκε), 19,25 (ἐφίλει), 20,274 (παύσαμεν), 20,306 (ἀμφεπονεῖτο), 24,33 (ἦρα'), 24,284 (κίχεις), 24,285 (ἀπέπεμψε). 35

The debatable examples in the Odyssey are 1,240, 4,734, 5,311, 9,211, 10,84, 11,418, 13,206, 20,306, 23,47, 24,42, 24,61.

The instances in the Odyssey are 2,105 (the optative παραθεῖτο besides the iterative ἀλλύεσκεν), 7,118 (the optative μνησαίατο besides the iterative σπείρομεθεν), 8,87 (the optative λήξειν besides the iterative ἔσκε), 8,90, 8,90 (the optatives ἄρχοιτο and ὀτρύνειαν besides the iteratives ἴκαρον, ἴκαρον and ἴκαρον), 11,585 (the optative κύψει or κυψει besides the iteratives ῥίπτασκε, φάνεσκε and καταζήνασκε), 11,591 (the optative θύσει or θύσει besides the iterative μίπτασκε, λάνδησε καταξηγάκε), 12,157 (the optative ἐξεμέσετε besides the iterative ἀνακρόμωσιν, 12,240 (the optative ἀναβρόξειε besides the iterative ἐφέπεσκον), 12,241 (the optative εἴξειε besides the iterative ἐφέπεσκον), 12,242 (the optative ἐπιμνησαίμεθα besides the iterative ἀλλύεσκεν), 12,243 (the optative παραθείμην besides the iterative παραθείμην), 12,381 (the optatives ἔοι and ἔλθοι besides the iterative δόσκον), 14,221 (the optative εἴξειε besides the iterative ἐφέπεσκον), 14,222 (the optative κύψει besides the iterative ἐποπτεύεσκε), 14,223 (the optative ἐξεμέσετε besides the iterative κύψειε), 14,224 (the optatives ἔοι and ἔλθοι besides the iterative δόσκον), 14,225 (the optative ἐπιμνησαίμεθα besides the iterative ἀλλύεσκεν), 14,226 (the optative δωκε besides the iterative ἔσκε), 14,227 (the optative ἐπιμνησαίμεθα besides the iterative ἀλλύεσκεν), 14,228 (the optatives ἔοι and ἔλθοι besides the iterative δόσκον), 14,229 (the optative ἐπιμνησαίμεθα besides the iterative ἀλλύεσκεν). 36

Odyssey 4,191 (ἐπιμνησαίμεθα) and 4,192 (ἐρέσθεν).
in -σκ-,\textsuperscript{37} and 1 is a non-iterative instance in which a formula from an iterative context has been expanded to a non-iterative context.\textsuperscript{38} Additionally, 8 are used in a counterfactual construction,\textsuperscript{39} 3 in counterfactual constructions that are not consistently attested in the manuscripts,\textsuperscript{40} 2 in a wish with a past reference,\textsuperscript{41} 3 in a subordinate clause in which the optative seemed to have neither iterative nor counterfactual meaning, but where the optative almost seems to be an optativus obliquus,\textsuperscript{42} 1 in an insecure instance, where both the optative and the indicative have been transmitted,\textsuperscript{43} and 2 instances in which it can be debated whether or not the forms have counterfactual meaning.\textsuperscript{44}

5. Krisch (1986) argued that the Greek indicative was linked to an older injunctive that had replaced the Indo-European optative. The transition would have started in the postposed conditional clauses introduced by εἰ μή (see also explanation 6). What seems to support this explanation is that the majority of verbs in the εἰ μή-clauses are in the injunctive (as was also stated by Krisch),\textsuperscript{45} but at the same time this is also the main difficulty with this theory. Although I cannot discuss the issue of the augment in this article, it seems that the main function of the augment was to emphasise pivotal actions.\textsuperscript{46} The conditional clauses introduced by εἰ μή describe the action that prevented the action of the main clause from occurring. They are, therefore, realis and very important, as they succeeded in stopping a negative event, and yet they are put in the injunctive and not the indicative. The question, therefore, is why the injunctive would have been the mode in these sentences.

6. Several scholars argued that the original counterfactual construction in Greek was that of a past potential optative in the main clause, followed by another main clause in the indicative introduced by ἀλλά (“q could have happened, but p prevented it”). When subordinated constructions started to emerge, viz. were created, the main clauses introduced by ἀλλά became subordinated negated

\textsuperscript{37} The instances in the Odyssey are 8,70 (ἀνώγοι), 9,94 (φάγοι), 19,371 (ίκοιτο), 24,254 (λούσαιτο), 24,254 (φάγοι), 24,344 (ἐπιβρίσειαν).

\textsuperscript{38} The Odyssey 9,333 (ικάνοι).

\textsuperscript{39} The instances in the Odyssey are 4,222 (μιγείη), 17,313 (ἐἵη), 17,315 (θηήραιο), 22,78 (τοξάσσαιτο), 22,134 (τοξάσσαιτο), 23,102 (ἔλθοι), 23,170 (ἔλθοι), 24,108 (λέξαιτο).

\textsuperscript{40} The instances are 4,547 (κτείναι / κτεῖνεν), 11,317 (ἵκοιντο / ἵκοντο), 21,128 (τανύσειε / ἐτάνυσσε).

\textsuperscript{41} The Odyssey 18,79 (ἐἵης and γένοι).

\textsuperscript{42} The instances in the Odyssey are 19,464 (πάθοι), 24,237 (ἔλθοι), 24,237 (ίκοιτ’).

\textsuperscript{43} The Odyssey 20,138 (μιμνήσκοιτο / μιμνήσκοντο).

\textsuperscript{44} The instances in the Odyssey are 2,38 (πύθοιτο), 2,43 (πυθοίμην).

\textsuperscript{45} I agree with Krisch in considering the injunctive to be a living mood in the oldest Greek texts: it was attested in Mycenaean (there are virtually no augmented forms) and in epic Greek, as there are more unaugmented forms (injunctives) than augmented forms, and additionally there is a difference in meaning between them (for the injunctive use in Hesiod see West (1989), Clackson (2007: 130–132) and De Decker (2016)).

\textsuperscript{46} Bakker (1999, 2001), Mumm (2004), and De Decker (2016, 2020a, 2020b) to name but a few.
postposed conditional clauses introduced by εἰ μή. The indicative from the negative postposed conditional clauses was then extended to the postposed positive conditional clauses and then to the preposed clauses, before eventually to the main clause of the conditional construction (especially because all the other conditional schemas had the same mood in protasis and apodosis).

Below I will investigate the instances of the indicative and the optative, to determine which / if any of the explanations can offer an explanation for the use of these two moods, but before I start, I would like to state that in this discussion an aspect seems so far to have been overlooked, namely the fact that there are parallels for the substitution of a mood (optative or subjunctive) in favour of the indicative when a past reference was needed. This is the case with the verba curandi and the verba timendi, for which later Greek uniquely used the indicative, but in Homeric Greek the use of the indicative is contested: several scholars assume that the indicative was used because in such instances the fear clause was originally an indirect question (Nitzsch 1832: 48; von Naegelsbach 1834: 83; Krüger 1846: 189; Faesi 1858a: 353, 1860: 170; Vogrinz 1889: 372; Monro 1891: 256–257; Bornemann and Risch 1973: 284), or because the fact that the action had already happened, meant the modal meaning was removed from the passage, as something cannot be “expected” to occur, when in fact the event has already taken place (Rost 1826: 482; Weber 1884: 9; Monro 1891: 324–325; Kühner and Gerth 1904: 391, but none mentioned that the subjunctive had also been transmitted). The explanation

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This suggestion was first made by Gerth (1878) and subsequently by Mutzbauer (1902, see also 1893: 5–6). That it was the basis for the substitution was noticed by Chantraine (1953: 226–227) and Brunel (1980: 242), but they did not elaborate upon it. For the equivalence or the close relationship between εἰ μή and ἀλλὰ in this context, see Nitzsch (1840: 33), Krüger (1859: 104–105), Faesi (1862: 128), Düntzer (1863b: 145), and Lange (1872: 460), but they did not link this with the issue of the two moods in the potential and contrary-to-fact.

That it was the basis for the substitution was noticed by Chantraine (1953: 226–227) and Brunel (1980: 242), but they did not elaborate on it. Ruijgh (1992) and Hettrich (1998) made similar suggestions, but Ruijgh worked with an intermediate stage of a subjunctive which was replaced by an optativus obliquus. For the postposed εἰ μή-clauses see also Wakker (1994: 206–214). The details differed among the different scholars. A more in-depth discussion can be found in De Decker (2015: 221–240, 2021: 150–162).

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The use of the indicative in Homer was mentioned in Rost (1826: 482), von Thiersch (1826: 541, 653), Matthiae (1827: 1001), Bernhardy (1829: 402–404, “dubitanter”), Kühner (1835: 493), Krüger (1846: 189), von Bäumlein (1846: 101–103), Goodwin (1865: 83–85), Monro (1891: 324–325), Kühner and Gerth (1904: 391), Schwzyer and Debrunner (1950: 354, 675), Smyth and Messing (1956: 502), Bornemann and Risch (1973: 284), Rijksbaron (2002: 58), and Van Emde Boas et al. (2019: 524–525).

Buttmann (1810: 537–538) did not discuss the use of the indicative with verba timendi in Attic.

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The use of the indicative in Homer was mentioned in Rost (1826: 482), von Thiersch (1826: 541, 653, cf. infra), Matthiae (1827: 1001), Nitzsch (1832: 48), von Naegelsbach (1834: 83), Kühner (1835: 493), Krüger (1846: 189, 1859: 103), von Bäumlein (1846: 101–103), Faesi (1858a: 353, 1860: 170), Weber (1884: 9), Merry and Riddell (1886: 236), Vogrinz (1889: 372), Monro (1891: 256–257, 324–325), Kühner and Gerth (1904: 391), Walter (1923: 21), Schwzyer and Debrunner (1950: 354, 675), Chantraine (1953: 299), Smyth and Messing (1956: 502), Stanford (1959: 302), and Hoekstra (1989: 177, cf. infra).

This issue was not addressed in Kirk (1985: 110–11) nor in Willmott (2007).
by Monro (1891: 324–325) that the use of the indicative in this context was due to
the tendency of Homeric and indeed later Greek to expand the use of the (past)
indicative into contexts with a past reference to avoid temporal ambiguity and
the contention by Delbrück (1900: 291–292) that the subjunctive was the original
and normal mood in this construction, although the indicative was used when
the past meaning needed to be emphasised are in my opinion correct.\(^{50}\) In this
context I refer to \textit{Iliad} 1,555 and \textit{Odyssey} 5,300 and 13,216, with the first including
the subjunctive in all the manuscripts, while the remaining two show the subjunc-
tive in most codices and the indicative in only a few (it is not possible to discuss
the issue in detail in this article).\(^{51}\)

3. Why this corpus?

As there are approximately 1500 optatives and 250 modal indicatives in Homer, not
all can be discussed in this text and, therefore, I decided to limit myself to the aorist
forms of \textit{γιγνώσκω, βάλλω} and of \textit{ἰδον}, as well as the conditional clauses intro-
duced by \textit{εἰ μή}. The reasons for this are that these are relatively common verbs with
instances in both the optative and the indicative, and that in most cases the aorist
indicative form is metrically equivalent to the optative, so that the metre plays only
a limited role. By limiting myself to the aorist, the issue of the aspect plays a lesser
role, as all the forms are in the same tense/aspect. Following the advice of the jour-
nal’s reviewers that the corpus should contain enough data to permit a comparison,
I decided to add the \textit{εἰ μή}-clauses, because they act as a control to determine if the
assumptions made for the verb forms are confirmed in a different syntactic environ-
ment (they are addressed in part 2).

4. The optatives: Remotely possible (potential of the past) and unlikely (irrealis)

In this subsection I analyze the optatives that describe events that are only remotely
possible or even unlikely (in the traditional terminology they would be called a po-
tential of the past and an irrealis). It has to be noted that this is difficult to determine,
as the distinction between likely, possible, remotely possible and impossible often
depends on the interpretation of the narrator, the audience, the speaker and/or the
hearer, and sometimes what one considers to be possible, another can interpret as
only remotely possible or even impossible. This is particularly striking in the five

\(^{50}\) In Delbrück’s own words (1900: 291–292) “soll der thatsächliche Eintritt in der Vergangenheit
besonders stark hervorgehoben werden, so wagt man statt des allein konstruktionsberechtigten
Konjunktivs den Indikativ”.

As was the case with the scholars listed in the previous footnote, Delbrück too failed to
mention that in the \textit{Odyssey} 5,300 most codices had the subjunctive and not the indicative.

\(^{51}\) Only West (2017: 112) printed the subjunctive in the \textit{Odyssey} 5,300, which is in my opinion
the “lectio difficilior” and, therefore, to be preferred.
instances in which a formula is reused in another context and/or is pronounced by another person (i.e. Odysseus) who knows more than his addressees and, therefore, means something other than that of which his audience is aware (which will be discussed later in the article). There are only sixteen instances in which an optative (with or without a past reference) could refer to the remotely possible (potential of the past) and unlikely (irrealis), which is much less frequent than the “likely” or “possible” potentialis-instances. I will, therefore, focus on those sixteen cases in which such a remote or unlikely interpretation is possible (though not always certain), and also discuss the temporal reference.

(Ex.01) (52) οὐκ ἄν δὴ μείνειας ἀρηφιλον Μενέλαον; (53) γνοίης χ’ οίου φωτός ἐξεις θαλερήν παράκοιτιν: (54) οὐκ ἄν τοι χραίσμῃ / χραίσμοι κιθάρις τά τε δῶρ’ Ἀφροδίτης (55) ἢ τε κόμη τό τε εἴδος ὅτ’ ἐν κονίῃσι μιγείς / μιγείς. (56) ἀλλὰ μάλα Τρώες δειδήμονες: ἦ τέ κεν ἢδη (57) λάινον ἐσσο χιτῶνα κακῶν ἐνεχ’ ὅσσα ἐοργας. (Iliad 3.52–57)

‘Would you not (stay to) face Menelaos, loved by Ares? You would soon find out what human being you are holding the beautiful wife. Your cither and Aphrodite’s gifts will then certainly not be of any use to you, your hair and your looks, when you are mingled in the dust. But the Trojans are really cowards, undoubtedly, you would already have put on a stone coat (i.e. you would have been stoned) because of all the evil that you have done.’

In this passage Hektor reproaches Paris because he avoided facing Menelaos in battle. If he had done so, he would have found out how strong Menelaos really was. Moreover, Hektor adds, the only reason why he (P) is still alive, is that the Trojans are cowards, because otherwise they would have stoned him to death a long time ago. In general the optative can either refer to something that is (almost) synonymous to a future or imperative (“stay here and face”), is likely (“you could face”) or (highly) unlikely (“you could have faced” or “you could face” in the unreal sense), but as Hektor is “not impressed” with Paris’ behaviour in battle, it can reasonably be assumed that he considers it unlikely that Paris will accept his suggestions and act upon them. In this passage there is also a modal indicative, ἐσσο, which could be a pluperfect or a root aorist. Contrary to the optatives, the indicative form clearly

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52 Unless noted otherwise, all translations are my own.
53 Hermann (1827: 34 – the original dates from 1812) stated that Helen was speaking, but this must be a (rare) “lapsus” by this great philologist.
54 Contrary to the normal usus in English, I decided to use a transcription of the Greek names that is as close as possible to the original Greek writing, unless there is an idiomatic English version. I therefore write “Hektor”, “Menelaos”, “Akhilleus”, but “Homer” and “Hesiod”.
55 This is the interpretation by Dünzter (1866a: 110 for μείνειας but not for γνοίης, see the following footnote), Leaf (1886: 90–91).
56 Faesi (1858a: 131) translated μείνειας as ‘stand hieltest’, Dünzter (1866a: 110) γνοίης as ‘dann würdest du fühlen’ and Ameis (1868a: 103) as ‘dann würdest du inne werden’.
refers to the unlikely, unreal and/or impossible (it would be very unlikely that the Trojans would dare to stone Paris as long as Priam and Hektor were alive). It also refers to the past, as is clear by the adverb ἤδη ‘already’. The issue of the problematic transmission of χραίσμη/χραίσμοι and μιγείης/μιγείης will be discussed at the end of part 2 of the article.

(ΕΞ.02) (451) ἀλλ’ οὔ τις δύνατο Τρώων κλειτῶν τ’ ἐπικούρων
(452) δεῖξαι Ἀλέξανδρον τότ’ ἀρηϊφίλῳ Μενελάῳ:
(453) οὐ μὲν γὰρ φιλότητι γ’ ἐκεύθανον εἶ τις ἰδοῖτο:
(454) ἰδον γάρ σφιν πᾶσιν ἀπήχθετο κηρὶ μελαίην. (Iliad 3.451–454)

‘But no-one among the Trojans and their famous companions could show him to Menelaos, loved by Ares, for they would not have hidden him out of love, if someone had seen him, for he was hated by all as the dark fate.’

These lines describe how Paris disappeared after the duel with Menelaos and how the latter was unable to find him. Not even the Trojans knew where he was, as they would gladly have handed him over to the Greeks, since Paris was much hated for being the cause of the war. This passage has been interpreted in various ways, with agreement failing to be reached on the unreal notion for ἐκεύθανον nor for ἰδοῖτo. Some (Faesi 1858a: 152; von Naegelsbach and Autenrieth 1864: 430) assumed that the indicative ἐκεύθανον was not unreal, but described a statement of fact, while Ameis (1868a: 128, 1868b: 91) ascribed an iterative notion to both the indicative ἐκεύθανον and the optative ἰδοῖτο, and argued that this was a generic statement that did not describe the specific instance. In his view, this was proved by the fact that ἐκεύθανον and ἰδοῖτo had a different subject, which would not be possible if the passage dealt with a single instance and also by the fact that Homer stated in the next line that Paris was hated by everybody. Ascribing an iterative notion to ἰδοῖτo is problematic, because, as was stated above, the iterative notion of the optative seems to be secondary (from a possibility in the past) and is not common in the conditional clauses, and this is also the only context where it is explicitly stated that the Trojans were unwilling to hide Paris. Explaining ἰδοῖτo as a possibility in the past or as an unreal event seems more likely (La Roche 1870a: 118, see also Leaf 1886: 113–114, who stated that οὐ μὲν γὰρ φιλότητι γ’ ἐκεύθανον had the meaning of ἔμελλον δεῖξαι, in which case it would be unreal as well, Chantraine 1953: 227). The fact that the imperfect ἐκεύθανον was used without a modal particle also contributed to the interpretation as a “real” indicative, while others have suggested maintaining the irrealis-meaning by changing γ’ ἐκεύθανον into γ’ ἐκεύθουν ἄν (Heyne 1802a: 549; Düntzer 1866a: 128, 1873: 129) or into κ’ ἐκεύθανον (Düntzer 1866a: 128, 1873: 129; La Roche 1870a: 118 also considered this change possible).57 Personally, I do not believe that this correction is necessary, as the modal indicative can – albeit very rarely – be used without a modal

57 See the discussion in Ameis (1868b: 91 “die von Heyne erwähnte und gebilligte Conjectur”). It should be noted that Heyne suggested this correction, but in his Homer editions and commentaries (1802b: 178, 1804a: 157, 1804b: 185, 1824: 79) he did not adopt this reading nor did he mention or discuss it.
The difference between the optative and the “modal” indicative … Part 1: The optative

I consider the co-occurrence of a modal indicative and an optative within the same passage is a clear indication that there was a period in which the indicative (here ἐκεύθανον) and optative (here ἴδοιτο) were used in the same counterfactual and remotely possible contexts. The use of a modal indicative without a particle is not impossible, but not common either. The optative ἴδοιτο is clearly counterfactual and refers to the past, because it is anterior to the action of ἐκεύθανον. The interpretation of εἴ τις ἴδοιτο as an old wish (Lange 1872: 400–401; Leaf 1886: 113–114) is in my opinion correct, and would be a remarkable archaism, as it would have an original paratactic construction and an optative for a wish in the past, yet it would not change the analysis here, as in Lange’s analysis of the optative as a wish, the optative also refers to the past.

In these lines Homer describes how Agamemnon excels after Akhilleus left the army and the hostilities resumed after the duel between Paris and Menelaos failed to determine the outcome of the war, because Paris escaped and the Trojans did not / could not hand him over to the Greeks. ἴδοις is a textbook case of a potential in the optative with a past reference (see also the following example), and could serve as indication that the original mood in this context was the optative.

In these lines Homer describes Diomedes’ bravery: he storms through the ranks with such great fury that it was impossible to determine if he fought with the Trojans or with the Greeks. The optative aorist γνοίης describes a possibility in the past (“past potentialis”). if one had been present at that specific moment in the battle, one would not have been able to determine on which side Diomedes was fighting.

58 Hartung (1833: 231, 237), Madvig (1847: 120), Faesi (1862: 27), Düntzer (1863b: 145), Kühner (1870: 178–179), Ameis (1871: 28), Kühner and Gerth (1898: 212), Mutzbauer (1902: 490, 500), Schwyzer and Debrunner (1950: 308), Chantraine (1953: 227), and Chantraine and Casevitz (2015: 261). This was, surprisingly enough, not addressed in Krüger (1859: 96–97, 103–104 – in 1861: 183–184 he only addressed the Attic use in which the modal particle could be left out when ὁλίγου was used), Monro (1891: 294–296, 327–335) nor in Brugmann (1900: 511–513).

59 The modal uses of the indicative and optative were not discussed in von Doederlein (1863:77), nor in Kirk (1985: 330).

60 Faesi (1858a: 140), Krüger (1859: 100, 103–104, 138), von Naegelsbach and Autenrieth (1864: 389 on Iliad 3,220), Düntzer (1873: 164 – in 1866a: 157 he did not discuss the issue), Ameis (1868a: 113,
In these lines Hektor tells his mother that he will search for Paris to incite him to return to battle and adds that Zeus behind Paris being the cause of so much Trojan suffering, stating that he would even be happy if Paris went down to Hades (a very difficult thing to say about his own brother in the presence of their mother). As Hektor knows that this will not happen in the immediate future, the optative ἴδοιμι (and φαίην) is (are) an irrealis. As he had had this thought before (one can refer to his statement about Paris facing Menelaos in Iliad 3,52–57, a passage that will be discussed below, and to his insult Δύσπαρις ‘Paris of bad luck’), the statement was valid in the past as well, but it is still valid today. As such, the statement can refer to the past, the present and the future.

In this passage Hektor tries to encourage Paris to fight more bravely and adds that he (H) has every right to chastise him (P), as the entire city is under attack because of his irresponsible behaviour. Additionally, he (P) would also verbally confront another soldier if he noted that that soldier was holding back or behaving in a cowardly manner. The use of the optative ἴδοις in this passage can be interpreted in various ways. It can be a “simple” potential optative ‘if you saw someone holding back … you would fight’, but it could also be a counterfactual, present or past, ‘if you had seen / if you saw’ and it could even be an optative with an iterative notion ‘you would fight … whenever you were to see …’. A sharp distinction between these different categories cannot be made and in my opinion Hektor wanted to communicate all three notions (as was also the case in Iliad 3,52–53, discussed above). All the codices have the reading 1870a: 42), La Roche (1870a: 104, 1870b: 8), and Leaf (1886: 100, 151). See also the discussion in the “Forschungsgeschichte”.

The issue was not addressed in Kirk (1990: 62–63).

61 See the previous footnote.
εἴ τινά, but Aristarkhos changed this into ὅν τινα, which was printed by most editors, because of the parallelism with *Iliad* 4.240.² This passage is formally similar, but the meaning is clearly different. In 4.240, which will be discussed below, Homer describes how Agamemnon incites the army by repeatedly speaking to the soldiers and leaders who hold back from battle. That passage (4.240) clearly has a repetitive meaning, but in the passage here the repeated meaning is by no means certain. We have no indication whatsoever that Paris would repeatedly confront someone he saw holding back from a battle. It is more likely that this instance refers to a single event. For this reason, the transmitted reading εἴ τινά has preference in my opinion. The optative μαχέσαιο has the same modal ambiguity, as it can refer to something that is possible, remotely possible or even unlikely. The reference can be to the past, present and future, because Hektor might refer to an attitude Paris had in the past, but it might also describe a reaction that Paris could have now or in the future.

(388) νῦν δὲ μ’ ἐπιγράψας ταρσὸν ποδὸς εὔχεαι αὔτως.
(389) οὐκ ἀλέγω, ὡς εἴ με γυνὴ βάλοι ἢ πάϊς ἄφρων:
(390) κωφὸν γὰρ βέλος ἀνάλκιδος ἀνάλκιδος οὐτιδανοῖο. (*Iliad* 11,388–390)

'Now you hit the flat of my foot and boast even about this. I do not care (about it), as if a woman or a witless child had hit me. Empty is the missile of a spineless nobody without courage.'

These lines describe how Diomedes defiantly responds to Paris after he hit him with an arrow, telling him that the arrow has the same effect on him as if it had been thrown by a woman or a young child. The optative βάλοι, which is metrically equivalent to the indicative βάλεν, is unreal, as it refers to an imagined situation, but the past reference is not definite, as βάλοι could, on the one hand, refer to the arrow released by Paris, in which case it has a past reference, yet at the same time, it could also be a more general statement, in which case the reference would be timeless. The degree of probability is closer to an irrealis than to a potentialis.

(53) ἦ δὴ ταῦτα γ’ ἑτοῖμα τετεύχαται, οὐδὲ κεν ἄλλως
(54) Ζεὺς υψημέτος αὐτὸς παρατεκτήναιτο.
(55) τεῖχος μὲν δὴ κατερήριπεν, ᾧ ἐπέπιθεν
(56) ἄρρηκτον νηῶν τε καὶ αὐτῶν εἶλαρ ἔσεσθαι:
(57) οὗ δ’ ἐπὶ νημαί βοήσα μάχην ἀλλιστὸν ἔχουσι
(58) νελεμές: οὖν δ’ ἄν ἐτι γνοίς μάλα περ σκοπέρων
(59) ὁποτέρωθεν Αχαιοὶ ὀρινόμενοι κλονέονται,
(60) ὡς ἐπιμίξ κτεῖνονται, αὐτὴ δ’ οὐρανὸν ἱκει. (*Iliad* 14,53–60)

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² The correction was adopted by Bekker (1858a: 100), Faesi (1858a: 247 without discussing the issue), Doederlein (1863: 139 without discussing the issue), Düntzer (1866: 209 referring to 4.240, 1873: 223 without discussing the issue), Ameis (1870a: 113, without discussing the issue), La Roche (1870a: 68,1873: 180), Leaf (1886: 218–219, referring to Aristarkhos but without discussing the issue), Cauer (1890a: 155), and Monro and Allen (1902a on this passage, stating that two codices have this reading as well).

The transmitted text was preserved in Barnes (1711: 249), Heyne (1804a: 318), Nauck (1877: 151), West (1998: 195), and Van Thiel (2010: 115).

Kirk (1990: 203) did not discuss this issue.
'Indeed, these things have been fittingly accomplished. Not even Zeus himself who thunders high in the sky could make / have made them in another way. The wall, in which we had confidently considered to be a unbreakable shelter for our ships and ourselves, has been torn down. They unceasingly engage in an unabating battle against the fast ships. Looking around from a high tower you would not know / have known from which side the Greeks are being stirred up and scattered into confusion and how mingled with each other they are being killed, and how their shouting reaches the heavens.'

In these lines Nestor relates how the wall the Greeks had built to protect themselves, has been torn down and how they are now being chased and killed in scenes of complete confusion. Nobody present would have been able to see from where the danger was coming. The optative aorists γνοίης and παρατεκτήναιτο are both secured by the metre and cannot be substituted by an indicative. As in the previous instances they could both describe an action that Nestor considers possible, but at the same time, given that the situation is so dramatic, it is more likely that Nestor thinks that no intervention or turnaround remains possible and that we are dealing with an unreal or unlikely statement. The forms can refer to the past or to the present (past or present potentialis), but as Nestor describes a situation that is taking place, a present reference seems more likely for γνοίης, although for παρατεκτήναιτο the interpretation is different, as this refers to an action in the past. The meaning could be ‘Zeus himself can no longer change it’, but ‘Zeus could no longer have changed it’ is equally possible. For both forms a past reference is not impossible, but not certain either.

In these lines (which will be continued in part 2 of this article) Meriones insults Aineias saying that, while he is strong and valiant, he would still die and bring honour upon himself if he (M) were to hit him. The optative βάλοιμι can refer to the past (‘if I had hit you a moment ago, you would have given me …’), but can also refer to the present (the current moment in the battle: ‘if I hit you right now, …’) or even to the future (although this is less likely). Given the fact that they are engaged in fighting, the present or past reference seems the most probable. The degree of probability is closer to an irrealis than to a potentialis, because Meriones exclaims this after failing to neutralise Aineias.

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In these lines Aias exclaims in despair that it should now be clear to anyone, even to a child, that Zeus is supporting the Trojans. The optative γνοίη is clearly not unreal, and can refer both to the present (‘could notice’) and the past (‘could have noticed’). As the verb does not have an exclusive past reference, the optative is the most appropriate, but the optative is not secured by the metre, as the indicative ἔγνω would fit the metre equally well. In these lines it is thus unclear whether Aias was speaking about the past or not, but in my opinion instances such as this contributed to the expansion of the indicative for statements with a past reference.

(EX.11) (366) τῶν εἴ τίς σε ἰδοίτο θοήν διὰ νύκτα μέλαιναν
(367) τοσσάδ’ ὀνειατ’ ἄγοντα, τίς ἄν δὴ τοι νόος εἴη;
(368) οὔτ’ ἀυτοὺς νέος ἑσσί, γέρων δὲ τοι ὃυτος ὑπηδεί,
(369) ἄνδρ’ ἀπαμύνασθαι, ὡτε τις πρότερος χαλεπήνη. (Iliad 24,366–369)

‘If someone saw you through the black night carrying so many goods, what would then be your plan? You yourself are not young (anymore), and that old man is guiding you, (so he is unable) to ward off a person, when he attacks you first.’

In these verses Hermes, disguised as inconspicuous passer-by, approaches Priam and his servant, asking them how they would be able to defend themselves if they were attacked in the middle of the night outside the city. The reference is to the present or future, as Priam and his herald have not so far met anyone on the road, although a past reference can strictly speaking not be ruled out (‘if you had met someone, what would you have done then?’). The reason why Hermes appears is that he has been sent by Zeus to protect Priam and his question is, therefore, not non-committal, but driven by a serious fear, as he considers an attack to be possible and is not talking about an unlikely or unreal event.

(EX.12) (653) τῶν εἴ τίς σε ἰδοίτο θοήν διὰ νύκτα μέλαιναν,
(654) αὐτίκ’ ἀν ἔξειποι ἀγαμέμνονι ποιμένι λαῶν,
(655) καὶ κεν ἀνάβλησις λύσιος νεκροῖο γένηται. (Iliad 24,653–655)

‘If someone saw you here through the swift black night, he would immediately tell Agamemnon, the shepherd of men and there will / would be a delay in the return of the body.’

These verses, pronounced by Akhilleus but echoing those by Hermes, serve as warning to Priam that he should leave. Remaining any longer in the camp might lead to him being discovered by a soldier, who might tell Agamemnon about his presence, and if he learns about this, the return of the body would probably no longer take place. The reference of ἰδοίτο (and ἐξειποί) is either to the present or to the future (as seems to be confirmed by the subjunctive γένηται), as Priam has not yet been discovered. As was the case with the verses pronounced by Hermes, Akhilleus too considers discovery by a soldier possible and, therefore, this passage is neither remotely possible nor an unlikely optative, but the description of an event that could occur.

(EX.13) (163) εἰ κείνον γ’ Ἰθάκηνδε ἰδοίατο γοςτήσαντα,
(164) πάντες κ’ ἄρησαίατ’ ἐλαφρότεροι πόδας εἶναι
'If they saw him returning home to Ithaka, they would all pray that they were lighter of foot than richer in gold and clothes. Now that one has died a baneful death and now there is no comfort for us anymore, even if someone among the people living in this country tells us that he will come (home). The day of his homecoming has been lost.'

In this instance Telemakhos tells Athene (who is disguised as a mortal guest) that if Odysseus were to come home, all the evildoers would wish they could run very quickly (in order to escape) rather than attain wealth, but this thought does not help him (T) anymore, as he is certain that Odysseus has died and will never return home. The optatives ἰδοίατο and ἀρησαίατ’ do not have a temporal reference, because they are valid for the past, present and future: if Odysseus came home last year, the evildoers in his palace (i.e. the suitors) would wish they were fleet of foot, and if he came home now or even next year, they would still wish it. We are clearly dealing with an unlikely event (irrealis), as is proved by νῦν δ’.

'But then Helen, born from Zeus, thought of something else. She immediately threw a drug in the wine from which they were drinking, a painkilling and angersolving one, that made one forget all evil. Who swallowed it, after it had been mixed in the mixing bowl, would not shed a single tear from his cheeks, not even if his father and mother died, or if they chopped down his brother or beloved son in front of him and he saw it with his own eyes.'

In these lines Homer describes how Helen decided to intervene after she noticed that Telemakhos, Nestor and Peisistratos had begun to cry over the misery they had to endure. She mixes a drug into the wine, a drug that causes all evil and suffering to be forgotten, and renders an individual immune to grief. The optatives καταβρόξειεν, μιγείη, βάλοι, κατατεθναίη, δηιόῳεν and ὁρῷτο belong to an unreal description of what the drug could do if it had been mixed in wine that would subsequently be drunk. All these forms are timeless, because they can refer to an event that could happen in the past, present or future. This is an irrealis, as it refers to an event that has not taken place.
The difference between the optative and the "modal" indicative … Part 1: The optative

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(359) πλειοτέρῃ σὺν χειρὶ φίλην ἐς πατρίδ' ἱκέσθαι:
(360) καί κ' αἰδιότερος καὶ φίλτερος ἀνδράσιν εἴην
(361) πᾶσιν, δόσοι μ' Ἰθάκηνδε ἱδοίατο νοστήσαντα. (Odyssey 11,355–361)

'Ruler Alkinoos, most glorious of all men, (even) if you ordered me to stay here for another year, urged (your servants to prepare) a convoy (to take me home then) and gave me splendid gifts, even then I would want this, and it would be much better, namely to return with a fuller hand to my beloved fatherland, and I would be more respected and beloved by all men, who saw me return home in Ithaka.'

In this passage Odysseus thanks the king of the Phaiakians, Alkinoos, for his offer to stay with them and marry his daughter or to stay longer and receive many more gifts, but adds that in spite of all this he still prefers to return home, as returning home with many gifts after such a long period will gain him the love and respect of his countrymen. The optatives ἀνώγοιτ', ὀτρύνοιτε, διδοῖτε, βουλοίμην and εἴη can be a potential and irrealis, but as Odysseus has already decided to return home, he considers this event to be unlikely and the optatives are thus a probable irrealis. The question is how to analyze εἴην and ἱδοίατο. As those two forms refer to his homecoming, which in his mind will happen, it could be argued that they are probable and possible and not contrary-to-fact, but given the fact that he uses the optative καί κεν πολὺ κέρδιον εἴη to describe the value of his return and not the indicative, some doubt seems to remain. In any case, this is not a completely certain case of an optative with a remote/unlikely meaning. The optative ἱδοίατο does not refer to the past, as Odysseus still has to reach his home.

(366) Εὐρύμαχ', εἰ γὰρ νῶϊν ἔρις ἔργοιο γένοιτο
(367) ὥρῃ ἐν εἰαρινῇ, ὅτε τ' ἤματα μακρὰ πέλονται,
(368) ἐν ποίῃ, δρέπανον μὲν ἑυκαμπὲς ἔχοιμι,
(369) καὶ δὲ σὺ τοῖον ἔχοις, ἵνα πειρησαίμεθα ἐργοῦ
(370) νήστιες ἀχρὶ μᾶλα κνέφαος, ποίη δὲ παρείη.

In these lines the suitor Eurylokhos states that if every Akhaian saw Penelope now, there would be many more suitors dining in your palace from the morning on, since you excel above (all) women in looks, stature and balanced mind inside (your body).'

In these lines the suitor Eurylokhos states that if every Akhaian saw Penelope now, there would be many more suitors dining in your palace from the morning on, since you excel above (all) women in looks, stature and balanced mind inside (your body).'

(370) νήστιες ἀχρὶ μᾶλα κνέφαος, ποίη δὲ παρείη.
In these lines Odysseus (still disguised as beggar) challenges the suitor Eurymakhos to a contest to see who could endure the most while working the land, so that he (E) would see that he (O) is not a glutton after all and that he (E) should refrain from insulting him again. There are sixteen optatives in this passage and no past indicative forms. γένοιτο, ἔχοιμι, ἔχοις, εἶεν, προταμοίμην, ὁρμήσει, ἔλθοι and ἵκοιτ’ appear in a conditional clause, πειρησαίμεθα is used in a purpose clause, but it has both the meaning of a (remotely realizable) wish and a (remotely possible) potential, and the other forms are used in a main clause. None of these optatives is very likely to occur, most of them being unlikely or completely impossible (the idea that a suitor would engage in a contest working the land with an unknown beggar is so unreal that it becomes almost ridiculous). The return to reality after the unreal optatives ίδοις and ἄγορευοις is made by ἀλλά. None of these forms refers to the past, however, as Odysseus suggests something in the future.
In this subsection I analysed 16 instances from the 51 optatives with the aorist forms of γιγνώσκω, βάλλω and of ἴδον which could be interpreted as referring to a remotely possible or unlikely event, and in 11 cases this analysis was confirmed (Iliad 3,53, 3,453, 4,223, 5,85, 6,284, 6,330, 11,389, 14,58, 16,623 and Odyssey 1,163, 4,223, 11,361, 18,246, 18,375, 18,379).

5. The optatives: Past reference

As has already been stated above there are 51 optatives in the corpus being analyzed. Of those, only 8 unambiguously and uniquely refer to the past, 23 can refer to the past, present and future, and 20 cannot have a past reference and only refer to the present or future. In this subsection I discuss those with an exclusively past reference. Of the 8 optatives with an exclusively past reference, 5 are used in a subordinate clause with a main verb that indicates an iterative action and 3 in a sentence that has a “modal” meaning (Iliad 3,453, 4,223, 5,85). These 3 modal optatives have been discussed in the subsection above and so will not be included here.

(Ex. 18) (198) ὃν δ’ αὖ δήμου τ’ ἄνδρα ἴδοι βοόωντά τ’ ἐφεύροι, (199) τὸν σκήπτρῳ ἐλάσασκεν ὁμοκλήσασκέ τε μύθῳ: (Iliad 2,198–199)

‘Whomever from the people he saw and noted to be shouting, he would drive forward with the sceptre and call him out with (this) word:’

These lines describe how Odysseus restored order in the Greek army after Agamemnon suggested leaving Troy and sailing home. Contrary to his (A) expectations, the Greeks reacted enthusiastically to his suggestion and stormed towards the ships. Instructed by Athene to do so, Odysseus began to exert his control over the kings and common soldiers and forced them to remain in Troy.

(Ex. 19) (232) καί ῥ’ οὓς μὲν σπεύδοντας ἴδοι Δαναῶν ταχυπώλων, (233) τοὺς μάλα θαρσύνεσκε παριστάμενος ἐπέεσσιν: (Iliad 4,232–233)

“Whom of the fastmounted Danaans he would see making efforts, he would stand next to him and encourage him warmly with words:”

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63 The instances are Iliad 2,198 (ἵδοι), 3,453 (ἵδοιτο), 4,223 (ἵδοις) 4,232 (ἵδοι), 4,240 (ἵδοι), 4,516 (ἵδοιτο), 5,85 (γνοίης), 12,268 (ἵδοιν).
64 The instances are Iliad 3,53 ( γνοίης), 3,325 ( γνοίην), 6,284 (ἵδοιμι), 6,330 (ἵδοις), 11,389 (βάλοι), 14,58 ( γνοίης), 16,623 (βάλοιμι), 17,630 ( γνοίη), 24,366 (ἵδοιτο), Odyssey 1,163 (ἵδοιτο), 4,223 (βάλοι), 8,216 (βάλοιμι), 8,280 (ἵδοιτο), 10,574 (ἵδοιτ’), 11,366 (ἵδοιτο), 17,251 (βάλοι), 17,494, (βάλοι), 18,246 (ἵδοιεν), 18,375 (ἵδοις), 18,379 (ἵδοις), 19,310 (γνοίης), 20,237 (γνοίης), 21,202 (γνοίης).
65 The instances are Iliad 12,333 (ἵδοιτο), 15,571 (βάλοισθα), 17,681 (ἵδοιτο), 18,125 (γνοίεν), 18,524 (ἵδοιτο), 23,487 (γνοίη), 24,583 (ἵδοι), 24,653 (ἵδοιτο), Odyssey 6,113 (ἵδοιτ’), 9,229 (ἵδοιμι), 10,147 (ἵδοιμι), 11,361 (ἵδοιτο), 13,192 (γνοίη), 15,337 (γνοίης), 16,458 (γνοίη), 17,164 (γνοίης), 17,363 (γνοίης), 20,65 (βάλοι), 20,80 (βάλοι), 24,491 (ἵδοι).
In these two passages Agamemnon, the head of the army, proceeds to exhort the leaders and soldiers.

In this passage Athene motivates the Greek soldiers she observes to be slacking and holding back from the fighting. As was the case with the previous instances, ἴδοιτο refers to an action in the past.

In these lines the two Aiantes moved through the ranks of the Greek army and encouraged the soldiers, either with pleasant words or with insults, and chastised anyone they viewed as being reluctant to fight.

In these five passages, the optatives (in three cases ἴδοι, ἴδοιειν, ἴδοιτο but also ἐφεύροι) describe an action that occurred before that of the main clause which caused the action of the main verb. The optatives refer to the past, but they are not unreal. As becomes clear from the last two passages, the verb form expressing iterativity does not have to be marked by the -σκ- suffix.

The forms used in an iterative context refer to actions that occurred, while the other instances (the so-called “modal” optatives) describe events that did not happen.

6. Reuse of a single passage in different contexts with different protagonists

Besides Iliad 24,366–369 and 24,653–655 in which a single formula was used twice, which were discussed above (and interpreted as being possible and not unreal), there are two other formulæ that are reused in different contexts, with different speakers and hearers, and consequently, also with different degrees of temporal reference and modal meaning, depending on what the speakers and hearers (do not) know.
Below I discuss a passage that reoccurs thrice and has three different temporal and modal meanings, and another that appears twice with two possible meanings.

(Ex.23) (536) αἲ γὰρ τοῦτο, ξεῖνε, ἐπος τετελεσμένον εἴη:
(537) τῶ κε τάχα γνοίς φιλότητά τε πολλά τε δῶρα
(538) ἐξ ἐμεῦ, ὡς ἄν τις σε συναντόμενος μακαρίζοι. (Odyssey 15,536–538)

‘If only, stranger, that word could be fulfilled! You would soon know friendship and many gifts from me, so that anyone (who) would meet you would call you blessed (forever).’

These lines appear in Telemakhos’ answer to the seer Theoklymenos who predicted that Telemakhos would fare well, as a good omen had appeared in the form of a passing bird. Telemakhos answered that if that were to be true, he (Th) would be forever his friend.

(Ex.24) (163) αἲ γὰρ τοῦτο, ξεῖνε, ἐπος τετελεσμένον εἴη:
(164) τῶ κε τάχα γνοίς φιλότητά τε πολλά τε δῶρα
(165) ἐξ ἐμεῦ, ὡς ἄν τις σε συναντόμενος μακαρίζοι. (Odyssey 17,163–165)

‘If only, stranger, that word could be fulfilled! You would soon know friendship and many gifts from me, so that anyone (who) would meet you would call you blessed (forever).’

These lines appear in Penelope’s answer to that same seer, Theoklymenos, who has just informed her that he has predicted a safe passage for Telemakhos. She replies with the same wishes.

(Ex.25) (309) αἲ γὰρ τοῦτο, ξεῖνε, ἐπος τετελεσμένον εἴη:
(310) τῶ κε τάχα γνοίς φιλότητά τε πολλά τε δῶρα
(311) ἐξ ἐμεῦ, ὡς ἄν τις σε συναντόμενος μακαρίζοι. (Odyssey 19,309–311)

‘If only, stranger, that word could be fulfilled! You would soon know friendship and many gifts from me, so that anyone (who) would meet you would call you blessed (forever).’

These lines are pronounced by Penelope in response to the “stranger in the court” (Odysseus in disguise) who predicts that Odysseus will return soon and enact vengeance. The optatives, which are all metrically secure, pose similar problems to those previously discussed, but their meaning differs each time since the context is different, and it is, therefore, entirely possible that the poet deliberately repeated these lines (as noted by Russo 1993: 26). Do they refer to something that the speakers consider possible or impossible? Do they refer to the present or past? In the first passage Telemakhos certainly hopes that his trip will end well and thus considers it possible. The second passage is more difficult to judge, because Penelope hopes that Telemakhos will return safely, but given her experience with the evil natures of her suitors she cannot be certain. In that passage I would argue that the optatives have different nuances at the same time. The same applies to the third passage, because in Odysseus’ mind everything will be completed and is very likely, while in Penelope’s mind this remains
something for which she can only hope, so she remains careful not to allow herself to have high expectations, and thus the events described continue to be a remote possibility. In the first two passages, addressing Telemakhos’ journey, it is much more likely that γνοίης and τετελεσμένον εἶ to have a present reference (‘you would know’ and ‘may this be fulfilled’), as he has yet to set out in the first passage and has yet to arrive in the second, so that a past reference is not possible. The third passage is more ambiguous, because in Odysseus’ mind a part of the statement has already been completed (he has in fact returned home) and the remainder will be completed very soon, while in Penelope’s mind none of this has happened and may not even happen, so that a past reference seems excluded. The same ambiguity can be observed in the two passages below in which Eumaios and Odysseus engage in conversation.

(Ex.26) (236) αἲ γὰρ τοῦτο, ξεῖνε, ἔπος τελέσει Κρονίων:
(237) γνοίης χ’ οἵη ἐμὴ δύναμις καὶ χεῖρες ἕπονται. (Odyssey 20,236–237)

‘If Kronos’ son could fulfil this word, stranger, you would know how strong my power is and how my hands will follow.’

In these lines the swineherd Eumaios responds to the stranger’s prediction (Odysseus in disguise) that soon he would be able to witness his master’s return and the enactment of his revenge upon the suitors. In this instance γνοίης is not secured by the metre, as ἐγνως would have fitted the metre equally well. The optatives refer to something that Eumaios wishes for, but about which he cannot be certain. It is, therefore, unclear whether Eumaios considers it likely, possible or impossible that Odysseus’ words will be fulfilled. The same ambiguity as in the passage with Odysseus and Penelope is noticeable here too, as in Eumaios’ mind none of this has happened yet, so the optatives refer to the present, while for Odysseus some of these actions (his return) have already been completed.

(Ex.27) (200) Ζεῦ πάτερ, αἲ γὰρ τοῦτο τελευτήσειας ἐέλδωρ,
(201) ὡς ἔλθοι μὲν κεῖνος ἀνήρ, ἀγάγοι δὲ ἐ δαίμων:
(202) γνοίης χ’ οἵη ἐμὴ δύναμις καὶ χεῖρες ἕπονται. (Odyssey 21,200–202)

‘Father Zeus, if you could make that wish come true, that that man would come and that a god would lead him, you would know how strong my power is and how my hands will follow.’

This is Eumaios’ response to the beggar’s question (Odysseus in disguise) as to what they would do if Odysseus returned and whether they would be willing to help him in his confrontation with the suitors. The observations made above about the past or present reference and the likelihood, possibility or impossibility of the event materializing also apply here, and are also present in the two optatives, ἔλθοι and ἀγάγοι, in the subordinate clause, as the actions of these verbs are also dependent on how the speaker and hearer view the current situation: for Odysseus a part of the statement has been completed already and another part will soon become real, but for Eumaios it is not at all certain that his master will return and remove the suitors forever.
7. Conclusion

In two articles I investigate the co-occurrence of the optative and the indicative in remotely possible, unlikely and impossible events. While Attic Greek almost exclusively uses the indicative in these contexts (the so-called “modal indicatives”), both the optative and the indicative appeared in Homeric Greek, although it has not been conclusively determined whether the indicative or the optative was the oldest mood, or if they both coexisted with a difference in meaning. As there are about 250 modal indicatives and 1500 optatives in the Homeric corpus, discussing all instances was impossible and, therefore, I decided to address this difficulty by investigating a corpus of common verbs for which neither the metre nor the aspect play a significant role, as well as choosing the passages in which aorist forms (optative or modal indicative) of γιγνώσκω, βάλλω and οίδον occurred (they are all in the aorist and in most cases the indicative and optative form are metrically equivalent). In this article I initially provided an overview of the existing scholarship on the optative mood and on the irrealis-constructions in epic Greek, then I analyzed all the optative forms in those passages and finally discussed certain passages with the same formulae in which the exact modal meaning (possible or unreal) did not depend on the mood, but on the viewpoint of the hearers and speakers. My analyses found that the optative was at the most unreal extreme of the irrealis-continuum and that it could initially refer to the present and future, and additionally to the past, but that the instances in which there was an exclusively past reference were (very) rare.

References

Online resources
Thesaurus Linguae Graecae. [available at: http://stephanus.tlg.uci.edu/Iris/inst/tsearch.jsp, last accessed: 30 March 2022].
Chicago Homer. [available at: https://homer.library.northwestern.edu/html/application.html, last accessed: 30 March 2022].
Perseus. [available at: http://www.perseus.tufts.edu/hopper/collection?collection=Perseus:collection:Greco-Roman, last accessed: 30 March 2022].

Printed sources
Aken A.F. 1861. Die Grundzüge der Lehre von Tempus und Modus im Griechischen: historisch und vergleichend aufgestellt. Rostock: Stiller.
Aken A.F. 1865. Die Hauptdata der griechischen Tempus- und Modullehre, historisch und vergleichend. Berlin: Enslin.
Ameis K.F. 1868a. Ilias. Für den Schulgebrauch erklärt. Erster Band. Erstes Heft. Gesang I–III. Leipzig: B.G. Teubner.
Ameis K.F. 1868b. Anhang zu Homers Ilias Schulausgabe. I. Heft. Erläuterungen zu Gesang I–III. Leipzig: B.G. Teubner.
Ameis K.F. 1868c. Anhang zu Homers Odyssee Schulausgabe. Erläuterungen zu Gesang XIX–XXIV. Leipzig: B.G. Teubner.
Ameis K.F. 1870a. *Ilias. Für den Schulgebrauch erklärt. Erster Band. Zweites Heft. Gesang IV–VI*. Leipzig: B.G. Teubner.
Ameis K.F. 1870b. *Anhang zu Homers Ilias Schulausgabe. II. Heft. Erläuterungen zu Gesang IV–VI*. Leipzig: B.G. Teubner.
Ameis K.F. 1871. *Homers Odyssee. Für den Schulgebrauch erklärt. Gesang XIII–XVIII*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1871. *Homers Odyssee. Für den Schulgebrauch erklärt. Gesang I–VI*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1876. *Anhang zu Homers Odyssee Schulausgabe. Erläuterungen zu Gesang VII–XII*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1877. *Homers Odyssee. Für den Schulgebrauch erklärt. Gesang I–VI*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1881. *Anhang zu Homers Ilias Schulausgabe. Erläuterungen zu Gesang XVII–XXIV*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1884. *Ilias. Für den Schulgebrauch erklärt. Gesang I–III*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1885a. *Homers Ilias. Für den Schulgebrauch erklärt. Zweiter Band. Erstes Heft. Gesang XVI–XVIII*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1885b. *Homers Ilias. Für den Schulgebrauch erklärt. Zweiter Band. Zweites Heft. Gesang XVI–XVIII*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1887. *Anhang zu Homers Ilias Schulausgabe. Erläuterungen zu Gesang VII–IX*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1888. *Homers Ilias. Für den Schulgebrauch erklärt. Gesang XXII–XXIV*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1896. *Anhang zu Homers Ilias Schulausgabe. Erläuterungen zu Gesang I–III*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1898. *Homers Odyssee. Für den Schulgebrauch erklärt. Gesang XIII–XVIII*. Leipzig: B.G. Teubner.
Ameis K.F., Hentze C. 1900. *Homers Odyssee. Für den Schulgebrauch erklärt. Gesang I–VI*. Leipzig: B.G. Teubner.
Bakker E. 1999. Pointing to the past: Verbal augment and temporal deixis in Homer. – Kazaizis J., Rengakos A. (eds.). *Euphrosyne. Studies in ancient epic and its legacy in honor of Dimitris N. Maronitis*. Stuttgart: Steiner: 50–65.
Bakker E. 2001. Similes, augment and the language of immediacy. – Watson J. (ed.). *Speaking volumes. Orality & literacy in the Greek & Roman world*. Leiden: Brill: 1–23.
Barnes J. 1711. *Homeri Ilias & Odyssea. Et in easdem SCHOLIA, sive INTERPRETATIO, Veterum. Cambridge: Cornfield.
Basset L. 1984. *L’optatif grec et la dissociation énonciative*. – *LALIES 4*: 53–59.
Basset L. 1988. Qu’est-ce que l’irréel? – *Hediston Logodeipnon. Mélanges de philologie et de linguistique grecques offerts à Jean Taillardat*. Paris: Peeters: 25–32.
Basset L. 1989. *La syntaxe de l’imaginaire: études des modes et des négations dans l’Iliade et l’Odyssee*. Lyon: Travaux de la Maison de l’Orient.
Bekker I. 1858a. *Carmina Homerica. Volumen Prius. Ilias*. Bonn: Marcus.
Bekker I. 1858b. *Carmina Homerica. Volumen Alterum. Odyssea*. Bonn: Marcus.
Bekker I. 1863. *Homerische Blätter. [Beilage zu dessen Carmina Homerica]. [vol. 1]*. Bonn: Marcus.
Curtius G. 1863. *Erläuterungen zu meiner griechischen Schulgrammatik*. Prag: Tempsky.

Curtius G. 1864. *Griechische Schulgrammatik. Zweite Auflage*. Prag: Tempsky.

Dahl Ö. 1997. *The relationship between past time reference and counterfactuality: A new look*. – Athanasiadou A., Dirven R. (eds.). *On conditionals again*. Amsterdam: John Benjamins: 97–113.

Debrunner A. 1921. *Das hellenistische Nebensatziterativpräteritum mit ēv*. – *Glotta* 11: 1–28.

De Decker F. 2015. *A morphosyntactic analysis of speech introductions and conclusions in Homer*. [PhD thesis. Ludwig-Maximilians-Universität München]. [available at: https://edoc.ub.uni-muenchen.de/17995, last accessed: 30 March 2022].

De Decker F. 2016. *A contrastive analysis of the Homeric and Hesiodic augment, with special focus on Hesiod*. – *IJDL* 13: 33–128.

De Decker F. 2020a. *A semantic-pragmatic analysis of the augment in epic Greek, applied to some longer passages*. – Leiwo M., Vierros M., Dahlgren S. (eds.). *Papers on Ancient Greek linguistics. Proceedings of the Ninth International Colloquium on Ancient Greek Linguistics (ICAGL 9)*. 30 August – 1 September 2018. Helsinki: Societas Scientarium Fennica: 447–477.

De Decker F. 2020b. *An overall analysis of the augment in epic Greek and applied to some longer passages*. – Bichlmeier H., Repanšek L., Sadovski V. (eds.). *vācāmsi miśrā kṛnāvāmahai. Proceedings of the International Conference of the Society for Indo-European Studies and IWoBA XII, Ljubljana 4–7 June 2019, celebrating one hundred years of Indo-European comparative linguistics at the University of Ljubljana*. Hamburg: Baar: 103–125.

De Decker F. 2021. *A look at some (alleged) morpho-syntactic isoglosses between Greek and Anatolian: The modal particle in epic Greek*. – Giusfredi F., Simon Z., Martínez Rodriguez E. (eds.). *Loanwords and language contact in Ancient Anatolia*. Barcelona: Institut del Pròxim Orient Antic (IPOA), Facultat de Filologia, Universitat de Barcelona: 101–179.

Delaunois M. 1975. *Contributions à l’étude de la notion du «possible du passé» en grec classique*. – *AC* 44: 5–19.

Delaunois M. 1988. *Essai de syntaxe grecque classique*. Leuven: Peeters.

Delbrück B. 1871. *Syntaktische Forschungen I. Der Gebrauch des Conjunctivs und Optativs im Sanskrit und Griechischen*. Halle: Verlag der Buchhandlung des Waisenhauses.

Delbrück B. 1879. *Syntaktische Forschungen IV. Die Grundlagen der griechischen Syntax*. Halle: Verlag der Buchhandlung des Waisenhauses.

Delbrück B. 1897. *Vergleichende Syntax der indogermanischen Sprachen. II*. Strassburg: Karl Trübner.

Delbrück B. 1900. *Vergleichende Syntax der indogermanischen Sprachen. III*. Strassburg: Karl Trübner.

Delbrück B. 1902. *Die Grundbegriffe der Kasus und Modi*. – *Neue Jahrbücher für das klassische Altertum, Geschichte und Deutsche Literatur, und für Pädagogik* 5: 317–336.

Düntzer H. 1863a. *Homers Odyssee. Erklärende Schulausgabe. Erstes Heft*. Buch I–VIII. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1863b. *Homers Odyssee. Erklärende Schulausgabe. Zweites Heft*. Buch IX–XVI. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1864. *Homers Odyssee. Erklärende Schulausgabe. Drittes Heft*. Buch XVII–XXIV. Nebst Register. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1866a. *Homers Ilias. Erklärende Schulausgabe. Erstes Heft*. Buch I–VIII. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1866b. *Homers Ilias. Erklärende Schulausgabe. Zweites Heft*. Buch IX–XVI. Paderborn: Druck und Verlag von Ferdinand Schöningh.
Düntzer H. 1866c. *Homers Ilias. Erklärende Schulausgabe. Drittes Heft. Buch XVII–XXIV. Nebst Register.* Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1873. *Homers Ilias. Erklärende Schulausgabe. Erstes Heft. Buch I–VIII.* [2nd edition]. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1877. *Homers Ilias. Erklärende Schulausgabe. Zweites Heft. Buch IX–XVI.* [2nd edition]. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Düntzer H. 1878. *Homers Ilias. Erklärende Schulausgabe. Drittes Heft. Buch XVII–XXIV. Nebst Register.* [2nd edition]. Paderborn: Druck und Verlag von Ferdinand Schöningh.

Ebeling H. 1885. *Lexicon Homericum.* I. A–Ξ. Leipzig.

Edwards M. 1991. *The Iliad: A commentary.* Cambridge: Cambridge University Press.

Faesi J.U. 1858a. *Homers Iliade, erklärt von J. U. Faesi.* [vol. 1]. Berlin: Weidmann.

Faesi J.U. 1858b. *Homers Iliade, erklärt von J. U. Faesi.* [vol. 2]. Berlin: Weidmann.

Faesi J.U. 1860. *Homers Odyssee, erklärt von J. U. Faesi.* [vol. 1]. Berlin: Weidmann.

Faesi J.U. 1862. *Homers Odyssee, erklärt von J. U. Faesi.* [vol. 2]. Berlin: Weidmann.

Fernández Galiano M. 1993. *Books XXI–XXII.* – Russo J., Fernández Galiano M., Heubeck A. (eds.). *A commentary on Homer's Odyssey. Volume III: Books XVII–XXIV.* Oxford: Clarendon Press: 131–311.

Fleischman S. 1989. Temporal distance: A basic linguistic metaphor. – *SL* 13: 1–50.

Franke F. 1828. *Homeri Carmina. Vol III: Carmina Minora.* Leipzig: B.G. Teubner.

Fritz M. 2010. *Indogermanische Syntax.* – Meier-Brügger M. *Indogermanische Sprachwissenschaft.* Berlin: De Gruyter: 374–412.

Gerö E.C. 2000. The Usage of ἄν and κε in Ancient Greek: Towards unified description. – *Glotta* 76: 176–191.

Gerö E.C. 2001. Irrealis and past tense in Ancient Greek. – *Glotta* 77: 178–197.

Gerth B. 1878. *Grammatisch-Kritisches zur griechischen Moduslehre.* Dresden: Programm des Königlichen Gymnasiums zu Dresden-Neustadt.

Gildersleeve B.L. 1900. *Syntax of Classical Greek.* New York & Cincinatti & Chicago: American Book Company.

Givón T. 1994. Irrealis and the subjunctive. – *SL* 18: 265–337.

Gonda J. 1956. *The character of the Indo-European moods.* Wiesbaden: Harassowitz.

Goodwin W. 1865. *Syntax of the moods and tenses of the Greek verb.* Cambridge (MA) : Sever and Francis.

Goodwin W. 1900. *A Greek grammar.* [revised and enlarged edition]. Boston: Ginn.

Greenberg J. 1986. The realis-irrealis continuum in the Classical Greek conditional. – Closs Traugott E., Ter Meulen A., Snitzer Reilly J., Ferguson Ch.A. (eds.). *On conditionals.* Cambridge: Cambridge University Press: 247–264.

Hahn A. 1953. *Subjunctive and optative: Their origins as futures.* New York: American Philosophical Association.

Hainsworth J.B. 1993. *The Iliad. A commentary III: Books 9–12.* Cambridge: Cambridge University Press.

Hammerschmidt K. 1892. *Über die Grundbedeutung von Koniunktiv und Optativ und ihr Verhältnis zu den Temporibis.* Erlangen: Druck der Universitätsdruckerei von E. Th. Jacob.

Harris M. 1986. The historical development of SI-clauses in Romance. – Closs Traugott E., Ter Meulen A., Snitzer Reilly J., Ferguson Ch.A. (eds.). *On conditionals.* Cambridge: Cambridge University Press: 265–284.

Hartung J. 1832. *Lehre von den Partikeln der griechischen Sprache I.* Erlangen: Johann Jacob Palm und Ernst Enke.

Hartung J. 1833. *Lehre von den Partikeln der griechischen Sprache II.* Erlangen: Johann Jacob Palm und Ernst Enke.
Hentze C. 1906. Zur Entwicklungs geschichte der Finalsätze auf Grund der homerischen Epen. – *Philologus* 65: 161–192.
Hentze C. 1907. Der homerische Gebrauch der Partikeln εἰ, εἴ κε und ἤν mit dem Konjunktiv. – *KZ* 41: 356–378.
Hentze C. 1909. Der homerische Gebrauch der εἰ Sätze mit dem Indikativ des Futurs. – *KZ* 42: 131–146.

Hermann G. 1827. *Godofredi Hermanni Opuscula. Volumen secundum*. Leipzig: Gerhard Fleischer.
Hermann G. 1831. *De Particula AN Libri IV*. Leipzig: Ernst Fleischer.
Hettrich H. 1987. Zur Entwicklung der Finalsätze altindogermanischer Sprachen. – *KZ* 100: 219–237.
Hettrich H. 1992. Lateinische Konditionalsätze in sprachvergleichender Sicht. – Panagl O., Krisch T. (eds.). *Latein und Indogermanisch*. Innsbruck: Innsbrucker Beiträge zur Sprachwissenschaft: 263–284.
Hettrich H. 1998. Die Entstehung des homerischen Irrealis der Vergangenheit. – Jasanoff J., Melchert C., Lisi O. (eds.). *Mir Curad. Studies in honor of Calvert Watkins*. Innsbruck: Innsbrucker Beiträge zur Sprachwissenschaft: 261–270.
Heubeck A. 1989. Books IX–XII. – Heubeck A., Hoekstra A. (eds.). *A commentary on Homer’s Odyssey. Volume II: Books IX–XVI*. Oxford: Clarendon Press: 3–145.

Heyne C.G. 1802a. *Homeri Carmina, cum brevi annotatione accedunt variae lectiones et observationes veterum grammaticorum cum nostraeae actatis critica curante C. G. Heyne. Tomus Primus. Homeri Ilias cum brevi annotatione curante C. G. Heyne. Voluminis primi pars prima. Lib. I–IV*. Leipzig: Weidmann & London: Payne & MacKinlay.
Heyne C.G. 1802b. *Homeri Carmina, cum brevi annotatione accedunt variae lectiones et observationes veterum grammaticorum cum nostraeae actatis critica curante C. G. Heyne. Tomus Primus. Homeri Ilias cum brevi annotatione curante C. G. Heyne. Volumen Primum. Lib. I–XII*. Leipzig: Weidmann & London: Payne & MacKinlay.

Heyne C.G. 1804a. *Homeri Ilias cum brevi annotatione curante C. G. Heyne. Volumen primum. Lib. I–XII*. Leipzig: Weidmann & London: Payne & MacKinlay & Hunn.
Heyne C.G. 1804b. *Homeri Ilias cum brevi annotatione curante C. G. Heyne. Accedunt scholia minora passim emendata*. Oxford: Oxford University Press.

Heyne C.G. 1824. *Homeri Ilias ad novissimam Heynii editionem exacta, excisis disquisitionibus, excursibus, et notarum iis quae ad jure commoditatem minus pertinere videbantur*. London: A. Robertson.

Hoekstra A. 1989. Books XIII–XVI. – Heubeck, A., Hoekstra A. (eds.). *A commentary on Homer’s Odyssey. Volume II: Books IX–XVI*. Oxford: Clarendon Press: 147–287.

Hofling C. 1998. Irrealis and perfect in Itzaj Maya. – *Anthropological Linguistics* 40: 214–227.

Humbert J. 1960. *Syntaxe grecque*. Paris: Klincksieck.

Jacquinod B. 2017. The syntax of Greek. – Fritz M., Joseph B., Klein J. (eds.). *Handbook of comparative and historical Indo-European linguistics I*. Berlin: De Gruyter: 682–695.

James D. 1982. Past tense and the hypothetical. A cross linguistic study. – *SL* 6: 375–403.

James D. 1991. Preterit forms in Moose Cree as markers of tense, aspect, and modality. – *IJAL* 57: 281–297.

Janko R. 1994. *The Iliad: A commentary. Volume 4: Books 13–16*. Cambridge: Cambridge University Press.

Kendrick Pritchett W. 1955. The conditional sentence in Attic Greek. – *AJP* 76: 1–17.

Kieckers E. *Historische Grammatik des Griechischen. III. Syntax – Erster Teil*. Berlin: De Gruyter.
Kirk G. 1985. *The Iliad: A commentary. Volume 1: Books 1–4*. Cambridge: Cambridge University Press.

Kirk G. 1990. *The Iliad: A commentary. Volume 2: Books 5–8*. Cambridge: Cambridge University Press.

Kluge H. 1911. *Syntaxis Graecae quaeestiones selectae*. [Inauguraldissertation]. Berlin: Otto Francke.

Koppers B. 1959. *Negative conditional sentences in Greek and some other Indo-European languages*. The Hague: Westerbaan.

Koppin K. 1878. Giebt es in der griechischen Sprache einen modus irrealis? Fortsetzung. – *Zeitschrift für das Gymnasialwesen* 32: 97–131.

Krisch T. 1986. *Überlegungen zur Herkunft und Entwicklung der irrealen Konditionalsätze des Altgriechischen*. Innsbruck: Innsbrucker Beiträge zur Sprachwissenschaft.

Krüger K.W. 1846. *Griechische Sprachlehre für Schulen. Erster Theil: über die gewöhnliche, vorzügsweise die attische Prosa. Zweites Heft: Syntax*. Berlin: Krügers Verlagbuchhandlung.

Krüger K.W. 1853. *Griechische Sprachlehre für Schulen. Zweiter Theil: Ueber die Dialekte, vorzugsweise den epischen und ionischen. Erstes Heft: Formlehre*. Berlin: Krügers Verlagbuchhandlung.

Krüger K.W. 1859. *Griechische Sprachlehre für Schulen. Zweiter Theil: Ueber die Dialekte, vorzugsweise den epischen und ionischen. Zweites Heft: Poetisch-dialektische Syntax*. Berlin: Krügers Verlagbuchhandlung.

Krüger K.W. 1861. *Griechische Sprachlehre für Schulen. Erster Theil: über die gewöhnliche, vorzugsweise die attische Prosa. Zweites Heft: Syntax*. Berlin: Krügers Verlagbuchhandlung.

Kühner R. 1834. *Ausführliche Grammatik der griechischen Sprache. Wissenschaftlich und mit Rücksicht auf dem Schulgebrauch*. [part 1]. Hannover: im Verlage der Hahnschen Hofbuchhandlung.

Kühner R. 1835. *Ausführliche Grammatik der griechischen Sprache. Wissenschaftlich und mit Rücksicht auf dem Schulgebrauch*. [part 2]. Hannover: im Verlage der Hahnschen Hofbuchhandlung.

Kühner R. 1870. *Ausführliche Grammatik der griechischen Sprache*. [2nd revised edition; part 2; section 1]. Hannover: Hahnsche Hofbuchhandlung.

Kühner R., Gerth B. 1898. *Ausführliche Grammatik der griechischen Sprache. Zweiter Theil. Satzlehre*. [vol. 1]. Hannover: Hahnsche Buchhandlung.

Kühner R., Gerth B. 1904. *Ausführliche Grammatik der griechischen Sprache. Zweiter Theil. Satzlehre*. [vol. 2]. Hannover: Hahnsche Buchhandlung.

Langacker R. 1978. The form and meaning of the English auxiliary. – *Language* 54: 853–882.

Lange L. 1872. *Der homerische Gebrauch der Partikel EI*. Leipzig: Hirzel.

Lange L. 1873. *Der homerische Gebrauch der Partikel EI II: EI KEN / AN mit dem Optativ und EI ohne Verbum Finitum*. Leipzig: Hirzel.

La Roche J. 1866. *Die homerische Textkritik im Alterthum nebst einem Anhänge über die Homerhandschriften*. Leipzig: B.G. Teubner.

La Roche J. 1867. *Homeri Odyssea ad fidem librorum optimorum edidit J. La Roche. Pars prior*. Leipzig: B.G. Teubner.

La Roche J. 1868. *Homeri Odyssea ad fidem librorum optimorum edidit J. La Roche. Pars posterior*. Leipzig: B.G. Teubner.

La Roche J. 1869. *Homerische Untersuchungen*. Leipzig: B.G. Teubner.

La Roche J. 1870a. *Homer für den Schulgebrauch erklärt. Gesang I–IV*. Berlin: Ebeling & Plahn.

La Roche J. 1870b. *Homer für den Schulgebrauch erklärt. Gesang V–VIII*. Berlin: Ebeling & Plahn.
La Roche J. 1870c. *Homer für den Schulgebrauch erklärt. Gesang IX–XII*. Berlin: Ebeling & Plahn.

La Roche J. 1870d. *Homer für den Schulgebrauch erklärt. Gesang XIII–XVI*. Berlin: Ebeling & Plahn.

La Roche J. 1870e. *Homer für den Schulgebrauch erklärt. Gesang XVII–XX*. Berlin: Ebeling & Plahn.

La Roche J. 1871. *Homer für den Schulgebrauch erklärt. Gesang XXI–XXIV*. Berlin: Ebeling & Plahn.

La Roche J. 1873. *Homeri Ilias ad fidem librorum optimorum edidit J. La Roche. Pars prior*. Leipzig: B.G. Teubner.

La Roche J. 1876. *Homeri Ilias ad fidem librorum optimorum edidit J. La Roche. Pars posterior*. Leipzig: B.G. Teubner.

Lattmann H. 1903. Die Bedeutung der Modi im Griechischen und Lateinischen. – *Neue Jahrbücher für das klassische Altertum, Geschichte und Deutsche Literatur, und für Pädagogik* 6: 410–416.

Lazard G. 2006. More on counterfactuality and on categories in general. – *LT* 10: 61–66.

Leaf W. 1886. *Homer: The Iliad. I: Books I–XII*. London: Macmillan.

Leaf W. 1888. *Homer: The Iliad. I: Books XIII–XXIV*. London: Macmillan.

Leaf W. 1900. *Homer: The Iliad. I: Books I–XII*. London: Macmillan.

Leaf W. 1902. *Homer: The Iliad. II: Books XIII–XXIV*. London: Macmillan.

Madvig, J. 1847. *Syntax der griechischen Sprache, besonders der attischen Sprachform, für Schulen*. Braunschweig: Friedrich Dieweg und Sohn.

Masius R. 1885. *Über den Gebrauch des Konjunktiv in unabhängigen Sätzen bei Homer*. Glogau: Flemming.

Matthiae A. 1827. *Ausführliche griechische Grammatik*. Leipzig: Friedrich Vogel.

McKay K. 1981. Repeated action, the potential and reality in Ancient Greek. – *Antichthon* 15: 36–46.

Mein A. 1903. *De optativi obliqui usu Homero*. Pars I. *De sententiiis obliquis aliunde pendentibus primariis*. Bonn: Karl Gerhard.

Merry W., Riddell J. 1886. *Homer’s Odyssey. Books I–XII*. Oxford: Clarendon Press.

Methner R. 1908. *Die Grundbedeutungen und Gebrauchstypen der Modi im Griechischen*. Bromberg: Dittmann.

Michael L. 2014. The Nanti reality status system: Implications for the typological validity of the realis/irrealis contrast. – *LT* 18: 251–288.

Monro D. 1891. *Homeric grammar*. Oxford: Clarendon Press.

Monro D. 1901. *Homers Odyssey XIII–XXIV*. Oxford: Clarendon Press.

Monro D., Allen T. 1902a. *Homeri Opera: Iliadis libros I–XII continens*. Oxford: Oxford University Press.

Monro D., Allen T. 1902b. *Homeri Opera: Iliadis libros XIII–XXIV continens*. Oxford: Oxford University Press.

Mumm P.A. 2004. Zur Funktion des homerischen Augments. – Krisch T. (ed.). *Analecta homini universali dicata: Arbeiten zur Indogermanistik, Linguistik, Philologie, Politik, Musik und Dichtung*. [Festschrift for Oswald Panagl]. Stuttgart: Heinz: 148–158.

Mumm P.A. 2011. Optativ und verbale Infinithet. – Krisch T., Lindner T. (eds.). *Indogermanistik und Linguistik im Dialog*. Wiesbaden: Ludwig Reichert: 411–420.

Murray A., Dimock G. 1998a. *Homer Odyssey. Books 1–12*. Cambridge (MA): Harvard University Press.

Murray A., Dimock G. 1998b. *Homer Odyssey. Books 13–24*. Cambridge (MA): Harvard University Press.
The difference between the optative and the “modal” indicative … Part 1: The optative

Murray A., Wyatt W. 1999a. Homer Iliad. Books 1–12. Cambridge (MA): Harvard University Press.
Murray A., Wyatt W. 1999b. Homer Iliad. Books 13–24. Cambridge (MA): Harvard University Press.
Mutzbauer C. 1902. Die Entwicklung des sogenannten Irrealis bei Homer. – Philologus 61: 481–502.
Mutzbauer C. 1903a. Die Grundbedeutung des Conjunctivs und Optativs und ihre Entwicklung im Griechischen. – Philologus 62: 388–409.
Mutzbauer C. 1903b. Das Wesen des Optativs. – Philologus 62: 626–638.
Mutzbauer C. 1908. Die Grundbedeutung des Konjunktiv und Optativ und ihre Entwicklung im Griechischen. Ein Beitrag zur historischen Syntax der griechischen Sprache. Leipzig: B.G. Teubner.
Nauck A. 1877. Homer Ilias cum potiore lectionis varietate edidit Augustus Nauck. Pars prior. Berlin: Weidmann.
Nauck A. 1879. Homer Ilias cum potiore lectionis varietate edidit Augustus Nauck. Pars posterior. Berlin: Weidmann.
Nitzsch G.W. 1826. Erklärende Anmerkungen zu Homer’s Odyssee. Erster Band. Erklärung des ersten bis vierten Gesanges. Hannover: im Verlage der Hahn'schen Hofbuchhandlung.
Nitzsch G.W. 1831. Erklärende Anmerkungen zu Homer’s Odyssee. Zweiter Band. Erklärung des fünften bis achten Gesanges. Hannover: im Verlage der Hahn'schen Hofbuchhandlung.
Nitzsch G.W. 1840. Erklärende Anmerkungen zu Homer’s Odyssee. Dritter Band. Erklärung des neunten bis zwölften Gesanges. Hannover: im Verlage der Hahn'schen Hofbuchhandlung.
Novotný E. 1857. Beiträge zur Lere vom Finalsatze in der homerischen Sprache. Prag: Druck der königlich-kaiserlichen Schulbuchdruckerei.
Nutting H.C. 1901. The unreal conditional sentence in Plautus. – AJP 22: 297–316.
Pagniello F. 2002. The augment in Homer. [PhD Thesis, University of Georgia in Atlanta].
Pagniello F. 2007. The past-iterative and the augment in Homer. – IF 112: 105–123.
Polsley C.C. 2019. Contrafactual structures in Ancient Greek narrative. [PhD thesis, Yale University].
Richardson N. 1993. The Iliad: A commentary. Volume 6: Books 22–24. Cambridge: Cambridge University Press.
Rijksbaron A. 2002. The syntax and semantics of the verb in Classical Greek: An introduction. Amsterdam.
Rix H. 1992. Historische Grammatik des Griechischen. Laut- und Formenlehre. [2nd edition; improved and enlarged]. Darmstadt: Wissenschaftliche Buchgesellschaft.
Robert J. 1990. Modality in Amele and other Papuan languages. – JL 26: 363–401.
Rost V. 1826. Griechische Grammatik. Göttingen: Vandenhoeck und Ruprecht.
Ruijgh C.J. 1971. Autour de “re-épique”. Amsterdam: Hakker.
Ruijgh C.J. 1992. L’emploi le plus ancien et les emplois plus récents de la particule κε/ἄν. – Létoublon F. (ed.). La langue et les textes en grec ancien. Actes du Colloque Pierre Chantraine. Amsterdam: Gieben: 75–84.
Russo J. 1993. Books XVII–XX. – Russo J., Fernández Galiano M., Heubeck, A (eds.). A commentary on Homer's Odyssey. Volume III: Books XVII–XXIV. Oxford: Clarendon Press: 3–130.
Schwyzer E. 1939. Griechische Grammatik auf der Grundlage Karl Brugmanns Griechischer Grammatik. München: Beck.
Schwyzer E., Debrunner A. 1950. Griechische Grammatik. Teil II. Syntax. München: Beck.
Seiler H. 1971. Abstract structures for moods in Greek. – Language 47: 79–89.
Seiler H. 1993. Satzverbindung in Konditionalgefüge (besonders im Altgriechischen). – CFS 47: 143–158.

Slotty J. 1915. Der Gebrauch des Konjunktivs und Optatives in den griechischen Dialekten. I. Der Hauptsatz. Göttingen: Vandenhoeck und Ruprecht.

Smyth H., Messing G. 1956. Greek grammar. Cambridge (MA): Harvard University Press.

Stahl J.M. 1907. Kritisch-historische Syntax des griechischen Verbums der klassischen Zeit. Heidelberg: Carl Winter Universitätsverlag.

Stanford W. 1959. The Odyssey of Homer. Books XIII–XXIV. London: MacMillan.

Steele S. 1975. Past and irrealis: Just what does it all mean? – IJAL 41: 200–217.

Stolpe A. 1849. Iterativorum Graecorum vis ac natura ex usu Homeri atque Herodoti demonstrata. Bratislava: Klein.

Strunk K. 1992. À propos de quelques catégories marquées et non-marquées dans la grammaire du grec et de l’indo-européen. – Léroublon F. (ed.). La langue et les textes en grec ancien. Actes du Colloque Pierre Chantraine. Amsterdam: Gieben: 29–42.

Strunk K. 1997. Vom Mykenischen bis zum klassischen Griechisch. – Nesselrath H. (ed.). Einleitung in de griechische Philologie. Leipzig: B.G. Teubner: 135–155.

Tabachovitz D. 1951. Homerische ei Sätze. Eine sprachwissenschaftliche Untersuchung. Lund: Gleerup.

Tichy E. 2002. Zur Funktion und Vorgeschichte der indogermanischen Modi. – Hettrich H., Kim J.S. (eds.). Indogermanische Syntax: Fragen und Perspektiven. Wiesbaden: Ludwig Reichert: 189–208.

Tichy E. 2006. Der Konjunktiv und seine Nachbarkategorien. Bremen: Hempen.

Týn E. 1860. Über den Gebrauch und die Bedeutung der iterativen Imperfecta und Aoriste im Griechischen. – Zeitschrift für die österreichischen Gymnasien 10: 677–695.

Vandaele H. 1897. L’optatif grec. Paris: Bouillon.

Van Emde Boas E., De Bakker M., Huitink L., Rijksbaron A. 2019. Cambridge grammar of Classical Greek. Cambridge: Cambridge University Press.

Van Leeuwen J., Mendes da Costa M.B. 1895. Homeri Iliadis Carmina cum apparatu critico ediderunt J. Van Leeuwen J. F. et M. B. Mendes da Costa. Leiden: Sijthoff.

Van Linden A., Verstraete J.C. 2008. The nature and origins of counterfactuality in simple clauses. Cross linguistic evidence. – JPr 40: 1865–1895.

Van Pottelbergh R. 1939. Over de Geschiedenis en de Betekenis van den EI-zin in het Grieksch. Gent: Claeyes-Verheughe.

Van Thiel H. 2010. Homeri Ilias. [2nd edition]. Hildesheim: Olms.

Van Thiel H. 2021. Homeri Odyssea. [2nd edition]. Hildesheim: Olms.

Verstraete J.C. 2005. The semantics and pragmatics of composite mood marking: The non-Pama-Nyungan languages of northern Australia. – LT 9: 223–268.

Voegelin G. 1889. Grammatik des homerischen Dialektes. Paderborn: Druck und Verlag von Ferdinand Schöningh.

von Bäumlein W.F. 1846. Untersuchungen über die griechischen Modi und die Partikeln kév und áv. Heilbronn: Johann Ulrich Landherr.

von Christ W. 1881. Zu Homer. – RhM 36: 26–37.

von Doederlein L. 1863. Homeri Ilias. Emendavit et illustravit D. Ludovicus Doederlein. Pars prior I–XII. Leipzig: Dörfling & Franke – London: Williams & Norgate.

von Doederlein L. 1864. Homeri Ilias. Emendavit et illustravit D. Ludovicus Doederlein. Pars posterior XIII–XXIV. Leipzig: Dörfling & Franke – London: Williams & Norgate.

von Naegelsbach C.F. 1834. Bemerkungen zur Ilias. Buch I; II 1–483. nebst Excursen über Gegenstände der homerischen Grammatik. Nürnberg: Verlag von Johann Adam Stein.
The difference between the optative and the “modal” indicative … Part 1: The optative

von Naegelsbach C.F., Autenrieth G. 1864. Bemerkungen zur Ilias (A; B I–483, I’), nebst einigen Excursen. Ein Hülfsbuch für das Verständiss des Dichters überhaupt. [3rd edition; revised by Georg Autenrieth]. Nürnberg: Verlag der Geiger’schen Buchhandlung.

von Thiersch F.W. 1818. Griechische Grammatik, vorzüglich des homerischen Dialekts. Leipzig: Gerhard Fleischer.

von Thiersch F.W. 1826. Griechische Grammatik, vorzüglich des homerischen Dialektes. Leipzig: Gerhard Fleischer.

Wachter R. 2000. Grammatik der homerischen Sprache. – Latacz J. (ed). Homer Gesamt- kommentar. [Prolegomena]. Berlin: De Gruyter: 61–108.

Wackernagel J. 1897. Vermischte Beiträge zur griechischen Sprachkunde. Basel: Fr. Reinhardt, Universitätsdruckerei.

Wakker G. 1994. Conditions and conditionals: An investigation of Ancient Greek. Amsterdam: Gieben.

Wakker G. 2006. “You could have thought”: Past potentials in Sophocles? – De Jong I., Rijksbaron A. (eds.). Sophocles and the Greek language. Leiden: Brill: 163–180.

Walter A. 1923. Die Grundbedeutung des Konjunktivs im Griechischen. Heidelberg: Carl Winter Universitätsverlag.

Weber, P. 1884. Entwicklungs geschichte der Absichtssätze. I: Von Homer bis zur attischen Prosa. Würzburg: A. Stuber’s Verlagshandlung.

West M. 1989. An unrecognized injunctive usage in Greek. – Glotta 67: 135–138.

West M. 1998. Homerus Ilias. Volumen I: Rhapsodiae I–XII. Berlin: De Gruyter.

West M. 2000. Homerus Ilias. Volumen II: Rhapsodiae XIII–XXIV. Berlin: De Gruyter.

West M. 2017. Homerus. Odyssea. Recensuit et testimonia congessit Martin L. West. Berlin: De Gruyter.

Wilhelmi W. 1881. De modo irreali, qui dicitur. Marburg: Robert Friedrich.

Willcock M. 1978. The Iliad of Homer. Books I–12. London: MacMillan.

Willmott J. 2007. The moods of Homeric Greek. Cambridge: Cambridge University Press.

Willmott J. 2008. The ‘potential’ optative in Homeric Greek. – CCJ 54: 237–251.

Zerdin J. 2002. The ‘iterative-intensives’ in -σκ. – Oxford Working Papers in Linguistics 7: 103–130.
