

## History of Logic from Aristotle to Gödel

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## Buridan: Editions, Translations and Studies on the Manuscript Tradition

### INTRODUCTION

I give an updated list of the published and unpublished logical and metaphysical works of Buridan, and a bibliography of the editions and translations appeared after 2000.

A complete list of Buridan's works and manuscripts can be found in the '*Introduction*' by Benoît Patar to his edition of "*La Physique de Buridan et le Traité du Ciel d'Albert de Saxe. Étude critique, textuelle et doctrinale*" Vol. I, Longueil, Les Presses Philosophiques, 2001 (2 volumes), pp. 33\* - 75\*.

### SUMMARY LIST OF BURIDAN'S LATIN WORKS ON LOGIC AND METAPHYSICS

#### Logical Works:

N. B. The treatises known as *Artes Veterem* and commented by Buridan were the *Isagoge* by Porphyry and the *Categoriae (Predicamenta)* and the *Peri Hermeneias* by Aristotle.

1. *Expositio Super Artes Veterem*
2. *Quaestiones Super Artes Veterem*
3. *Expositio in duos libros Analyticorum priorum Aristotelis*
4. *Quaestiones in duos libros Analyticorum priorum Aristotelis*
5. *Expositio in duos libros Analyticorum posteriorum Aristotelis*
6. *Quaestiones in duos libros Analyticorum posteriorum Aristotelis*
7. *Quaestiones in octo libros Topicorum Aristotelis*
8. *Quaestiones in librum 'de sophisticis Elenchis' Aristotelis*

***Summulae de dialectica*, commentary of the *Summulae logicales* by Peter of Spain, composed by the following treatises:**

1. *De propositionibus*
2. *De praedicabilibus*
3. *In praedicamenta*
4. *De suppositionibus*
5. *De syllogismis*
6. *De locis dialecticis*

7. *De sophisticis elenchis*
8. *De demonstrationibus*
9. *De practica sophismatum* (sometimes considered the ninth treatise of the *Summa logicae*)
1. *Tractatus de consequentiis*

#### Metaphysical Works:

1. *Expositio Super Metaphysica* [in two redactions]
2. *Lectura Erfordiensis*
3. *Quaestiones Super Metaphysica* [in two redactions]

#### Polemical Works:

1. *Duae quaestiones de universali*
2. *Tractatus de relationibus*
3. *Quaestio de possibilitate existendi secundum eandem et non essendi simul in eodem instanti*
4. *Quaestio de dependentiis, diversitatibus et convenientiis*
5. *Determinatio de diversitate generis ad speciem (Defensiones determinationis de diversitate generis ad speciem)*

The *Quaestiones super octo libros Politicorum Aristotelis* are not a work of Buridan, but of Nicolaus Girardi de Waudemonte (Nicholas of Vaudémont), a late Fourteenth-century French writer, as demonstrated by Christoph Flüeler, *Die Rezeption des Politica des Aristoteles an der Pariser Artistenfakultät im 13. und 14. Jahrhundert*, in: Jürgen Miethke (ed.), *Das Publikum politischer Theorie im 14. Jahrhundert*, 1992, pp. 127-138.

### DETAILED LIST WITH FULL BIBLIOGRAPHICAL REFERENCES

#### Logical Works:

1. Buridanus, Johannes. *Expositio in Artem Veterem*. Unpublished manuscript: Biblioteca de la Catedral de Tortosa (España) cod. 108 ff. 26r-74v.
2. ———. *Quaestiones in Artem Veterem (De Tertia Lectura; Ordinatio)*. This work is now available in critical edition (in three separated editions: see below).
3. Buridani, Johannis. *Quaestiones Breves in Artes Veterem*. Unpublished manuscripts available at the Libraries of Cracow, Leipzig, and Città del Vaticano (two manuscripts).
4. Buridan, Jan. 1986. "Komentarz Do *Isagogi* Porfiriusza [Quaestiones in Isagogen Porphyrii]." *Przegląd Tomistyczny* no. 2:111-195. Quaestiones Super Artes Veterem I. Critical edition of the Latin text with an introduction in Polish by Ryszard Tatarzynski.
5. Buridanus, Johannes. 1983. *Quaestiones in Praedicamenta*. München: Verlag der Bayerischen Akademie der Wissenschaften. Quaestiones Super Artes Veterem II. Edited by Johannes Schneider.
6. ———. 1983. *Quaestiones Longe Super Librum Perihermeneias*. Nijmegen: Ingenium Publishers. Quaestiones Super Artes Veterem III. *Artistarium Supplementa* Vol. 4. Edited with an introduction by Ria van der Lecq.

7. Buridan, John. 1976. "Quaestio 3 *Perihemeneias*." In *The Logic of John Buridan*, edited by Jan, Pinborg, 89-90. Copenhagen: Museum Tusculanum Press.
8. Buridani, Johannis. *Expositio in Duos Libros Analyticorum Priorum Aristotelis*. Unpublished manuscript of 1356: Praha, Knihovna Metropolitní Kapituly, cod. L.34, ff. 107r -136v.
9. ———. *Quaestiones in Duos Libros Aristotelis Analyticorum Priorum*. Unpublished work available in manuscript at the Libraries of: Cracow, Leipzig, Liège, München, Prague, Vienne. Unpublished transcription by Hubert Hubien available at Peter King's Website.
10. Buridanus, Johannes. 1991. "Quaestiones Super Libris *Analyticorum Priorum*, Quaestio Xx: *Utrum Per Inductionem Probatur Propositio Immediata*." In *Historia Philosophiae Medii Aevi. Vol. I*, edited by Burkhard, Mojsisch and Olaf, Pluta, 100-103. Amsterdam: B. R. Grüner. Edited by Egbert P. Bos in Appendix (Anhang) to his essay: *Pseudo-Johannes Duns Scotus über Induktion* pp. 71-99.
11. Buridani, Johannis. *Expositio in Duos Libros Analyticorum Posteriorum Aristotelis*. Unpublished manuscript: Città del Vaticano, Biblioteca Apostolica Vaticana, Urb. lat. 1489, f. 119ra - 150rb.
12. ———. 2006. *Quaestiones in Duos Libros Aristotelis Analyticorum Posteriorum*. This work was attributed to Albert of Saxony and published in 1497 with the title: *Quaestiones subtilissimi Alberti de Saxoniam super libros Posteriorum* Milan, Venise (modern anastatic reprint: Hildesheim, Olms, 1986).
13. Buridanus, Johannes. *Expositio in Topica*. The attribution of this work to Buridan is doubtful. Unpublished manuscript: Munich, Bayerische Staatsbibliothek, signature: Clm 12707, ff. 66ra - 99vb.
14. ———. 1994. *Quaestiones Elencorum*. Nijmegen: Ingenium Publishers. *Artistarium Supplementa* Vol. 9. Edited with an introduction, notes and indices by Ria van der Lecq and H. A. G. Braakhuis.
15. ———. 2008. *Quaestiones Topicorum*. Turnhout: Brepols. Introduction, critical edition and indexes by Niels Jorgen Green-Pedersen.
16. Buridan, John. 1976. "Quaestiones Super *Sophisticos Elenchos* [Index]." In *The Logic of John Buridan*, edited by Jan, Pinborg, 159-160.
17. Buridanus, Johannes. *Perutile Compendium Totius Logicae Joannis Buridani Cum Praeclarissima Solertissimi Viri Joannis Dorp Expositione*. This work, also known as *Summulae de dialectica* or *Lectura de summa logicae* (the title of Hubert Hubien unpublished transcription) is composed by eight treatises: I. *De propositionibus*; II. *De praedicabilibus*; III. *De praedicamentis*; IV. *De suppositionibus*; V. *De syllogismis*; VI. *De locis dialecticis*; VII. *De sophisticis elenchis*; VIII. *De demonstrationibus*. A ninth treatise, *Sophismata*, is printed separately in the ancient editions. The first edition of the *Summulae* was edited by Thomas Bricot (? - 1516) at Paris in 1487. An anastatic reprint of the edition of Venice 1499, with the commentary by John Dorp (late 14th century) was published at Frankfurt am Main, Minerva, 1965. For critical editions of treatises I, II, III, IV, V, VI, VIII and IX see below; treatise VII is not yet available in a modern edition.
18. Buridan, John. 1976. " *Summulae*, Tractatus I." In *The Logic of John Buridan*, edited by Jan, Pinborg, 82-88. Edition of: I.1.1; I.1.5; I.1.6; I.2.2; I.3.2.
19. Buridanus, Johannes. 2005. *Summulae De Propositionibus*. Nijmegen: Ingenium Publishers. *Summulae* Vol. I. *Artistarium Supplementa* Vol. 10-1. Introduction, critical edition, and indexes by Ria van der Lecq. "The present fascicle contains the first treatise of the *Summulae*, called *De propositionibus*. In earlier fascicles we referred to this treatise as *De introductionibus*, which is the name of the corresponding chapter of Peter of Spain's *Tractatus*. (19) Buridan himself, however, does not use the term *introductiones*; in 1.1.1 he announces that the first treatise is going to deal with propositions and their parts and attributes. Therefore, '*De propositionibus*' seems to be a more appropriate title. The treatise consists of eight chapters, which correspond with Peter of Spain's *Tractatus 1* (*De introductionibus*) in the following way:  
chapter in Buridan chapter in *Tractatus 1*  
1 De quibusdam praemittendis 1-3

- 2 De nomine, verbo et oratione 4-6
- 3 De propositione 7-10
- 4 De oppositionibus propositionum categoricarum 11-14
- 5 De aequipollentiis 18
- 6 De conversionibus propositionum 15
- 7 De propositionibus hypotheticis 16-17
- 8 De propositionibus modalibus 19-25

A closer comparison between the two treatises (20) shows that Buridan elaborated more on the topics of chapters 6 and 7 (conversions and hypothetical propositions) than the author of his basic text and that he had an extraordinary interest in modal propositions. He even preferred to write a new text for this chapter, because he considered the auctor's account to be incomplete (1.8.1).

The present edition includes the preface (*Prooemium*) of the *Summulae*, in which Buridan says some remarkable things about logic as an art (see below n.3.3) and in which he warns the reader that he will not follow his author's text in every respect: "occasionally I am going to have to say and write things that differ from what he has said and written, whenever it appears to me suitable to do so".

(19) See for an exposition of the term 'introductiones' by John of Salisbury: Peter of Spain, *Tractatus (...)*, ed. L.M. de Rijk, p. LXXXIX..

(20) See Jan Pinborg, 'Summulae, Tractatus 1 De introductionibus,' in Jan Pinborg (ed.), *The Logic of John Buridan*, Copenhagen 1976, pp. 74-75.

- 20. ———. 1995. *Summulae De Praedicabilibus*. Nijmegen: Ingenium Publishers.  
*Summulae* Vol. II.  
Artistarium Supplementa Vol. 10-2.  
Introduction, critical edition and indexes by L. M. De Rijk.  
"The present edition contains the second tract [of Buridan's *Summulae*], *De praedicabilibus*, which deals with the five 'predicables', introduced by the Neoplatonist commentator of Aristotle, Porphyry (c. 233-c. 304 A.D.) in his introductory book (*Isagoge*) to the Stagirite's *Categories*, viz. 'genus', 'species', 'differentia', 'proprium', and 'accidens'. From as early as the eleventh century, medieval authors commented upon Boethius' (480-524) translation of, and commentary upon, this work. Buridan's discussion of the predicables is mainly based on the corresponding tract of Peter of Spain's manual. His comments are preceded by the complete text of the lemma from Peter to be discussed. It should be no surprise that Buridan's quotations should go back to an adapted version of Peter's text. (...) Buridan's work consists of elementary exegesis as well as extensive objections and *dubitationes* in which specific questions are dealt with, mostly in an original fashion." pp. XVII and XXI.
- 21. ———. 1994. *Summulae in Praedicamenta*. Nijmegen: Ingenium Publishers.  
*Summulae* Vol. III.  
Artistarium Supplementa Vol. 10-3.  
Introduction, critical edition and notes by Egbert P. Bos.
- 22. ———. 1998. *Summulae De Suppositionibus*. Nijmegen: Ingenium Publishers.  
*Summulae* Vol. IV.  
Artistarium Supplementa Vol. 10-4.  
Introduction, critical edition and indexes by Ria Van der Lecq.
- 23. Buridano, Giovanni. 1957. "Tractatus De Suppositionibus." *Rivista Critica di Storia della Filosofia* no. 12.  
First part pp. 180-208; Second part pp. 323-352.
- 24. Buridanus, Johannes. 2010. *Summulae De Syllogismis*. Turnhout: Brepols.  
*Summulae* Vol. V.  
Artistarium Supplementa Vol. 10-5.  
Introduction, critical edition and indexes by Joke Spruyt  
" *De syllogismis* is the fifth treatise of John Buridan's *Summulae dialecticae*, a textbook he wrote for his logic course in the Faculty of Arts at the University of Paris. *De syllogismis* contains material related to Aristotle's *Analytica Priora* and Boethius's *De hypotheticis syllogismis*. The textbook discusses inferences involving not only propositions de *in esse*, but also propositions featuring oblique, reduplicative and infinite terms. Buridan displays a keen interest in modal inferences and inferences involving propositional attitudes. Buridan's *De syllogismis* continues along the lines of his nominalist conception of the relations between mind, language and reality."
- 25. ———. 2013. *Summulae De Locis Dialecticis*. Turnhout: Brepols.  
*Summulae* Vol. VI.  
Artistarium Supplementa Vol. 10-6.  
Edited by Niels Jorgen Green-Pedersen.  
" *De locis dialecticis* is the sixth treatise of John Buridan's *Summulae dialecticae*, a textbook he wrote for his logic course in the Faculty of Arts at the University of Paris. *De locis dialecticis* immediately builds

- upon Peter of Spain, but Buridan shows his awareness that the doctrine of the *loci* took its origin in Boethius' *De differentiis topicis*, and he frequently quotes from that work. Though not introducing any basically new ideas Buridan contributes a large number of precisions to the standard descriptions of the several *loci*, and he shows that the list of the *loci* and the traditional division of it into three sections is not something given by nature, but was established by earlier logicians, as they found convenient. Accordingly such things can be changed if something better is found. Buridan has here given us perhaps the most precise and most interesting exposition of the doctrine of the *loci* in the medieval logical literature."
26. Buridan, John. 1976. "The *Summulae* of John Buridan. Tractatus Vi De Locis." In *The Logic of John Buridan*, edited by Jan, Pinborg, 121-138. Edited by Niels Jørgen Green-Pedersen.
  27. ———. 1976. "Extracts from the *Summulae*." In *The Logic of John Buridan*, edited by Jan, Pinborg, 153-158. Edited by Sten Ebbesen: 7.3.2; 7.3.4; 7.3.10 ( *de figura dictionis*).
  28. Buridanus, Johannes. 2015. *Summulae De Fallaciis*. Turnhout: Brepols. *Summulae* Vol. VII. Not yet published.
  29. ———. 2001. *Summulae De Demonstrationibus*. Groningen-Haren: Ingenium Publishers. *Summulae* Vol. VIII. Artistarium Supplementa Vol. 10-8. Introduction, critical edition and indexes by L.M. de Rijk.
  30. ———. 2004. *Summulae De Practica Sophismatum*. Turnhout: Brepols. *Summulae* Vol. IX. Artistarium Supplementa Vol. 10-9. Introduction, critical edition and indexes by Fabienne Pironet. "Treatise 9, *De practica sophismatum*, or *Sophismata* for short, has been edited once in full and once in part within the last few decades. The 1977 publication of the full text by Th.K. Scott contributed significantly to the scholarly community's awareness of the merits of Buridan's work, but the Latin text was only weakly anchored in the manuscript tradition; in fact it reproduced an incunabulum (our Z) emended by means of collation with usually one manuscript (our F). G.E. Hughes' partial edition of 1982 was based on six manuscripts (our A, E, F, I, 'I' and W) as well as on an incunabulum (our Z) and represented a considerable step forward on the road to a sound text. Our aim is to take one more step along on that road, by re editing the whole treatise on the basis of not only more but, we think, also better manuscripts." (p. XI, notes omitted).
  31. Buridan, Jean. 1966. *Sophisms on Meaning and Truth*. New York: Appleton-Century-Crofts. Latin text and translation by Theodore Kermit Scott.
  32. ———. 1977. *Sophismata*. Stuttgart - Bad Cannstatt: Frommann-Holzboog. Critical edition with an introduction by Theodore Kermit Scott (now superseded by Pironet 2004).
  33. ———. 1982. *John Buridan on Self-Reference. Chapter Eight of Buridan's Sophismata*. Cambridge: Cambridge University Press. Latin text, translated, with an introduction and a philosophical commentary, by George E. Hughes.
  34. Buridani, Johannis. 1976. *Tractatus De Consequentibus*. Louvain: Publications universitaires. Critical edition by Hubert Hubien.

### Metaphysical Works:

1. Buridanus, Johannes. *Expositio in Duodecim Libros Metaphysicorum Aristotelis [First Redaction]*. Unpublished manuscript (1340): Paris, Bibliothèque Nationale, ms. latin 16 131, 124ra - 214vb.
2. ———. *Expositio in Duodecim Libros Metaphysicorum Aristotelis [Second Redaction]*. Unpublished manuscript (1392): Carpentras, Bibliothèque Inguimbertaine, cod. 292 (L. 288), 1ra - 42va; other manuscripts at the Libraries of Darmstadt, München, Paris and Wien.
3. ———. 2008. *Lectura Erfordiensis in I-Vi Metaphysicam, Together with the 15th-Century Abbreviatio Caminensis*. Turnhout: Brepols. Introduction, critical edition and indexes by L. M. de Rijk. "The aim of the present edition is to make two texts available which can throw some more light on the role of Aristotle's *Metaphysics* in 14th-15th academic teaching. One of them contains part of an early (hitherto unknown) version of John Buridan's *Questions on Metaphysics*, the other is a 15th century abbreviation of precisely this early version. Remarkably, both texts belong to the East European tradition



of Buridan's works, which is the more interesting as they testify to the master's earlier activities as a Parisian teacher on the subject of metaphysics. In particular, they elucidate Buridan's ongoing semantic approach to matters of metaphysics and ontology as well as his attitude to Aristotle's authority."

4. ———. *Quaestiones in Duodecim Libros Metaphysicorum Aristotelis [First Redaction]*. Unpublished manuscript: Paris, Bibliothèque Nationale, ms. latin 16 131, 2ra - 122vb.
5. ———. *Quaestiones in Duodecim Libros Metaphysicorum Aristotelis [Secundum Ultimam Lecturam]*. Manuscript: Carpentrat, Bibliothèque Inguimbertaine, cod. 292, 45ra - 118rb.  
Other manuscript at the Libraries of Erfurt (two copies), Paris (two copies), Venezia and Wien.  
Printed edition: *In Metaphysicam Aristotelis questiones*, Paris, Josse Bede, 1518.  
Facsimile reproduction of this edition under the title *Kommentar zur Aristotelischen Metaphysik* (the date 1588 printed in the frontispice is an error), Frankfurt am Main, Minerva, 1965.
6. ———. *Quaestiones Breves in Duodecim Libros Metaphysicorum Aristotelis*. Unpublished manuscript: Biblioteka Narodowa (Poland), cod. 5835, 194 - 216.

### Polemical Works:

1. Buridan, John. 2004. "John Buridan's Treatise, *De Dependentiis, Diversitatibus, Et Convenientiis*. An Edition." *Vivarium* no. 42:115-149.  
Edited by Dirk-Jan Dekker.
2. Buridani, Johannis. 1987. "Tractatus De Differentia Universalis Ad Individuum." *Przegląd Tomistyczny* no. 3:137-178.  
Also known with the title: *Duae Quaestiones (Tractatus) De Universali*.  
Critical edition of the Latin text by Sławomir Szyller.
3. Buridan, John. 1991. *John Buridan's Tractatus De Infinito: Quaestiones Super Libros Physicorum Secundum Ultimam Lecturam, Liber Iii, Questiones 14-19. An Edition with Introduction and Indexes*. Nijmegen: Ingenium Publishers.  
Artistarium Supplementa Vol. 6.  
Edited by Johannes M. M. H. Thijssen.

### ENGLISH TRANSLATIONS OF THE LOGICAL AND METAPHYSICAL WORKS

1. Buridan, John. 2001. *Summulae De Dialectica*. New Haven: Yale University Press.  
An annotated translation, with a philosophical introduction by Gyula Klima.
2. Buridan, Jean. 1985. *Jean Buridan's Logic. The Treatise on Supposition. The Treatise on Consequences*. Dordrecht: Reidel.  
Translated, with a philosophical introduction by Peter King.
3. Buridan, John. 2014. *Treatise on Consequences*. New York: Fordham University Press.  
Translated, with an Introduction by Stephen Read.
4. Buridan, Jean. 1966. *Sophisms on Meaning and Truth*. New York: Appleton-Century-Crofts.  
Latin text and translation by Theodore Kermit Scott.
5. ———. 1982. *John Buridan on Self-Reference. Chapter Eight of Buridan's Sophismata*. Cambridge: Cambridge University Press.  
Latin text, translated, with an introduction and a philosophical commentary, by George E. Hughes.  
Reprinted, without the Latin text, with the title: *Chapter Eight of Buridan's 'Sophismata'*, Cambridge University Press, 1982.
6. ———. 1996. "Sophismata, Chapter Viii, "Insolubles"." In *Readings in Medieval Philosophy*, edited by B., Schoedinger Andrew, 707-733. New York: Oxford University Press.
7. Buridan, John. 2008. "John Buridan on the Predicables." In *Medieval Philosophy. Essential Readings with Commentary*, edited by Gyula, Klima, Fritz, Allhoff and Jayprakash, Vaidya Anand, 79-82. Malden: Blackwell.  
Reprinted from *Summulae de Dialectica*, translated by G. Klima, New Haven: Yale University Press, 2001, pp. 103-107.
8. ———. 2008. "John Buridan on Being and Essence." In *Medieval Philosophy. Essential Readings with Commentary*, edited by Gyula, Klima, Fritz, Allhoff and Jayprakash, Vaidya Anand. Malden: Blackwell.

- From: *Quaestiones in Aristotelis Metaphysicam: Kommentar zur Aristotelischen Metaphysik* (Paris: 1518; Frankfurt am Main: Minerva, 1964 reprint), book VIII, quaestio 4 (translation by G. Klima).
9. ———. 2008. "John Buridan on Scientific Knowledge." In *Medieval Philosophy. Essential Readings with Commentary*, edited by Gyula, Klima, Fritz, Allhoff and Jayprakash, Vaidya Anand. Malden: Blackwell.  
First text: *Whether It Is Possible to Comprehend the Truth about Things*, pp. 143-147 from *Quaestiones in Aristotelis Metaphysicam: Kommentar zur Aristotelischen Metaphysik* (Paris: 1518; Frankfurt am Main: Minerva, 1964 reprint) book 2, quaestio 1 (translation by G. Klima).  
Second text: *The Differences between Knowledge and Opinion*, pp. 147-150 from *Summulae de Dialectica*, translated by G. Klima, New Haven: Yale University Press, 2001, pp. 706-711.
  10. ———. 1973. "Questions on Aristotle's *Metaphysics*, Book IV, Questions 8 and 9." In *Philosophy in the Middle Ages. The Christian, Islamic and Jewish Traditions*, edited by Arthur, Hyman and Jerome, Walsh James, 711-716. Indianapolis: Hackett.  
Translated by J. J. Walsh.
  11. ———. 1983. "Latin Philosophy in the Fourteenth Century. John Buridan." In *Philosophy in the Middle Ages. The Christian, Islamic and Jewish Traditions*, edited by Arthur, Hyman and Jerome, Walsh James, 751-775. Indianapolis: Hackett.  
Questions on Aristotle's *Metaphysics*: Book II, Question I, pp. 751-754; Questions on Aristotle's *Metaphysics*: Book IV Question 8 and 9 pp. 760-765.
  12. Ariane, Economos. 2009. *Intellectus and Induction: Three Aristotelian Commentators on the Cognition of First Principles, Including an Original Translation of John Buridan's "Quaestiones in Duos Aristotelis Libros Posteriorum Analyticorum"*.  
Unpublished Ph.D thesis by Ariane Economos, available at ProQuest Dissertations & Theses ref. AAT 3377044.  
Abstract: "Recent scholars have argued that the skeptical problem of induction was unknown until the 18th century. They claim that a theory of knowledge such as the one embraced by medieval Aristotelians, which holds that an effect may be demonstratively proven to follow from its cause, must also hold that a necessary connection exists between a cause and its effect. What such scholars overlook is that medieval philosophers also argue that to claim that all knowledge of causal connections must be obtained demonstratively would lead to an infinite regress; the premises from which a demonstration proceeds cannot always themselves be demonstrated if a regress is to be avoided. Thus, medieval philosophers identify some indemonstrable premises which are causal in nature. They take propositions like, "scammony causes the purging of bile," and, "a certain herb results in the reduction of fever," to be indemonstrable principles which may serve as the starting-points of demonstrations. Principles such as these, medieval Aristotelians claim, are known through induction. Thus, to truly understand whether or not a medieval "skeptical problem" could pre-date that of Hume, what we must examine is the medieval account of the acquisition of indemonstrable first principles.  
An examination of such principles and an analysis of the medieval claim that they are acquired through induction is the theme of this dissertation. Over the course of the dissertation, I defend three theses. First, I argue that when medieval philosophers interpret Aristotle's claim that first principles are obtained through induction, they adapt this claim so as to apply to a kind of principle which we do not find in Aristotle, namely, a principle stating a causal connection. Second, I argue that three medieval commentators on Aristotle--Robert Grosseteste, Thomas Aquinas, and John Buridan--each interpret the role which induction plays in the acquisition of these principles in such diverse ways that we ought not look for one overarching "medieval view" of induction. Third and finally, I argue that Buridan's unique approach to induction and its relation to intellectus (the Latin equivalent of nous ) is fueled almost entirely by his sensitivity to skeptical concerns."

## FRENCH TRANSLATIONS

1. Buridan, Jean. 2009. *Questions Sur L'art Ancien. (Isagoge, Traité Des Catégories, Traité De L'interprétation)*. Longueuil (Canada): Presses philosophiques.  
Traduction et étude critique de Benoît Patar.
2. ———. 2002. *Le Traité Des Conséquences, Suivi Du Traité Sur Les Propositions*. Longueuil (Canada): Presses philosophiques.  
Traduction et commentaire par Benoît Patar, suivie d'une traduction de l'Introduction au *Commentaire des Petites Sommes de Pierre d'Espagne*.

3. ———. 1993. *Sophismes*. Paris: Vrin.  
Texte traduit, introduit et annoté par Joël Biard.
4. ———. 2004. *Commentaire Et Questions Sur Le Traité De L'âme*. Montréal: Les Presses Philosophiques.  
Introduction, traduction et notes par Benoît Patar.  
Traduction de la première version du Commentaire littéral des trois livres du *Traité de l'âme* d'Aristote (210 pages) et des 44 *Questions* portant sur le même texte (385 pages).

## SELECTED BIBLIOGRAPHY OF STUDIES ON THE LIFE AND THE MANUSCRIPTS OF BURIDAN

1. Bernd, Michael. 1985. *Johannes Buridan: Studien Zu Seinem Leben, Seinen Werken Und Zur Rezeption Seiner Theorien Im Europas Des Späten Mittelalters*. Berlin.  
Unpublished dissertation in two volumes.  
Vol. I. Der Author, seine Werke, Sein Publikum; Vol. II. Johannes Buridan: Bibliographie, Überlieferung und Quellenkritik seiner Werke.
2. Faral, Edmond. 1946. "Jean Buridan. Notes Sur Les Manuscrits, Les Éditions Et Le Contenu De Ses Ouvrages." *Archives d'Histoire Doctrinale et Littéraire du Moyen Âge* no. 15:1-53.
3. ———. 1949. "Jean Buridan: Maître És Arts De L'université De Paris." *Histoire Littéraire de la France* no. 28:462-605.  
Publié aussi séparément in 1950.
4. Federici Vescovini, Graziella. 1976. "A Propos De La Diffusion Des œuvres De Jean Buridan En Italie Du Xive Au Xvie Siècle." In *The Logic of John Buridan. Acts of the Third European Symposium on Medieval Logic and Semantics*, edited by Pinborg, Jan, 21-45. Copenhagen: Museum Tusculanum.
5. Flüeler, Christoph. 1997. "Two Manuscripts of Buridan on the Metaphysics: Paris, Bn, Lat. 16131 and Darmstadt, Hessische La&Hb, Hs 516." *Cahiers de l'Institut du Moyen Âge Grec et Latin* no. 67:78-92.
6. Lohr, Charles H. 1970. "Medieval Aristotle Commentaries. Authors: Jacobus-Johannes Juff." *Traditio* no. 26:135-216.  
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Deux volumes.) Dans le premier volume, aux pages 33\* - 75\* on trouve la liste complète des œuvres authentiques de Buridan.

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