Stanford



Reviel Netz

Patrick Suppes Professor of Greek Mathematics and Astronomy and Professor, by courtesy, of Philosophy and of History

Classics

Curriculum Vitae available Online

Bio

BIO

Netz's main field is the history of pre-modern mathematics. His research involves the wider issues of the history of cognitive practices, e.g. visual culture, the history of the book, and literacy and numeracy. His books from Cambridge University Press include The Shaping of Deduction in Greek Mathematics: a Study in Cognitive History (1999, Runciman Award), The Transformation of Early Mediterranean Mathematics: From Problems to Equations (2004), and Ludic Proof: Greek Mathematics and the Alexandrian Aesthetic (2009).

He is also the author of the translation and commentary of the works of Archimedes, also with CUP, a three-volume work of which the first has appeared, The Two Books on Sphere and Cylinder (2004). Together with Nigel Wilson, he prepares the edition of the recently rediscovered Archimedes Palimpsest (evidence from which already gave rise to two major discoveries: a text showing actual infinity in Archimedes, published in SCIAMVS 2001-2002, and a text showing, possibly, combinatorics in Archimedes, published in SCIAMVS 2004.) Two volumes, Transcription and Critical Edition, are forthcoming from the British Academy, of which the transcription is already available online. His popular book on the Archimedes Palimpsest Project, The Archimedes Codex, (co-authored with William Noel, Neumann Prize) was published by Widenfeld and Nicolson, 2007, and is translated into 20 languages.

Related to his research in cognitive history is his interest in ecological history, and he has published Barbed Wire: an Ecology of Modernity (Wesleyan University Press, 2004, finalist for PEN award). Reviel Netz is also a poet (Adayin Bahuc, 1999 Shufra: Tel Aviv, AMOS prize), one of a group of Hebrew poets active today whose work revives formal verse and he is the co-author, together with his wife, the Israeli author Maya Arad, of a collection of essays on Israeli literature, Positions of Stress (Meqom Hata'am, 2008 Axuzat Bayit: Tel Aviv).

ACADEMIC APPOINTMENTS

- Professor, Classics
- Professor (By courtesy), Philosophy
- Professor (By courtesy), History

ADMINISTRATIVE APPOINTMENTS

- Fellowship, Center for Advanced Studies in Behavioral Sciences, (2004-2005)
- William H. and Frances Green Faculty Fellowship, Stanford University, (2003-2004)
- Reid Hall Fellowship, Columbia University, (2002-2002)
- MacNamara Faculty Fellowship, Stanford University, (2000-2001)
- Post-Doctoral Fellowship, The Dibner Institute for the History of Science and Technology, (1998-1999)

- Research Fellowship, Gonville and Cains College, Cambridge, (1996-1999)
- Professor, Department of Classics, Stanford University, (2004- present)
- Fellow, Center for Advanced Study in the Behavioral Sciences, (2004-2005)
- Associate Professor, Department of Classics, Stanford University, (2003-2004)
- Assistant Professor, Department of Classics, Stanford University, (1999-2003)
- Post-Doctoral Fellow, Dibner Institute for the History of Science and Technology, M.I.T., (1998-1999)
- Research Fellow, Gonville and Caius College, Cambridge University, (1996-1999)
- Affiliated Lecturer, Faculty of Classics, Cambridge University, (1997-1999)
- Visiting Lecturer, Tel Aviv University, (1996-1997)
- Invited Lecturer, Cambridge University, (1995-1997)

HONORS AND AWARDS

- Neumann Prize, British Society for the History of Mathematics (BSHM) (2009)
- Finalist, PEN Award, PEN Center USA (2005)
- Runciman Award, Anglo-Hellenic League (2000)
- Hellenic Foundation Prize, best U.K. dissertation on ancient science and philosophy, Hellenic Foundation (1998)
- Writers and Scholars Prize, The President's Amos Foundation (1998)
- Hare Prize, University of Cambridge (1997)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board Member, Common Knowledge (2007)
- Editorial Board Member, Historia Mathematica (2003 - 2009)
- Visiting Member, Maison des Sciences de l'Homme, Paris (2002 - 2002)
- Visiting Member, Maison des Sciences de l 'Homme, Paris (2000 - 2000)
- Visiting Member, Maison des Sciences de l 'Homme, Paris (1996 - 1996)

PROGRAM AFFILIATIONS

- Center for Comparative Studies in Race and Ethnicity (CCSRE)
- Program in History & Philosophy of Science
- Symbolic Systems Program

PROFESSIONAL EDUCATION

- B.A., Tel Aviv University , Ancient History (1986)
- M.A., Tel Aviv University , History and Philosophy of Science (1992)
- Ph.D., Cambridge (Christ's College) , Classics (1995)

Teaching

COURSES

2026-27

- Advanced Greek: CLASSICS 103G (Spr)
- Ancient Knowledge, New Frontiers: How the Greek Legacy Became Islamic Science: CLASSICS 47, COMPLIT 107A, HUMCORE 121 (Win)
- Methods and approaches for ancient historians: CLASSICS 219 (Aut)

- Professionalization Workshop: CLASSICS 251 (Aut)
- Progress: CLASSICS 388 (Win)
- The Greek Invention of Mathematics: CLASSICS 136 (Spr)

2024-25

- Advanced Greek: Reading the Archimedes Palimpsest: CLASSICS 102G (Win)
- Ancient Knowledge, New Frontiers: How the Greek Legacy Became Islamic Science: COLLEGE 120 (Spr)
- Developing a Classics Dissertation Prospectus: CLASSICS 304 (Win)
- Mousike: Ancient Music in Theory and Performance: CLASSICS 316 (Spr)

2023-24

- Ancient Knowledge, New Frontiers: How the Greek Legacy Became Islamic Science: CLASSICS 47, COMPLIT 107A, HUMCORE 121 (Aut)
- Reading the Archimedes Palimpsest: CLASSICS 185 (Aut)
- Technologies of Civilization: Writing, Number and Money: CLASSICS 20N (Spr)
- The Greek Invention of Mathematics: CLASSICS 136 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Jonathan Amaral, Soham Shiva

Publications

PUBLICATIONS

- **Response to Acerbi** *Aestimatio*
  Netz, R.
  2013: 68-70
- **Science in Syracuse: Archimedes in Place** *Classical Sicily: between Greece and Rome*
  Netz, R., et al
  edited by Lyons, C., et al
  Getty Publications.2013: 124–133
- **The Fifth Hammer: Pythagoras and the Disharmony of the World (Book Review)** *COMMON KNOWLEDGE*
  Book Review Authored by: Netz, R.
  2013; 19 (1): 138-139
- **Authorial Presence in the Ancient Exact Sciences** *Writing Science: Mathematical and Medical Authorship in Ancient Greece*
  Netz, R.
  edited by Asper, M.
  2013: 217–253
- **Barbed Wire: an Ecology of Modernity**
  Netz, R.
  EUDEBA.2013
- **The Texture of Archimedes' Writings: through Heiberg's Veil** *The History of Mathematical Proof in ancient Traditions*
  Netz, R.
  edited by Chemla, K.
  Cambridge University Press.2012: 163–205
- **The More it Changes... Reflections on the World Historical Role of Greek Mathematics** *Greek Science in the Long Run: Essays on the Greek Scientific Tradition*

Netz, R.
edited by Gomez, P. O.
Cambridge Scholars Publishing.2012: 152–168

- **To the Problem of Translating Eugene One gin** *A.S. Pushkin / Eugene Onegin, a new Hebrew translation*
  Netz, R.
  edited by Levithan, A.
  2012: 205–215
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *ARSIMET'in Elyazmalari*
  Netz, R., Noel, W.
  Alfa.2012
- **The Necessary: Music, and Mother** *Ho!*
  Netz, R.
  2012; 8
- **Reasoning and Symbolism in Diophantus** *The History of Mathematical Proof in ancient Traditions*
  Netz, R., Chemla, K.
  Cambridge University Press.2012: 327–361
- **Duel at Dawn: Heroes, Martyrs, and the Rise of Modern Mathematics (Book Review)** *COMMON KNOWLEDGE*
  Book Review Authored by: Netz, R.
  2011; 17 (3): 533-533
- **The Bibliosphere of Ancient Science (Outside of Alexandria) A Preliminary Survey** *NTM*
  Netz, R.
  2011; 19 (3): 239-269
- **The Archimedes Palimpsest Vol. I: Catalogue and Commentmy**
  Netz, R., Noel, W., et al
  Cambridge University Press.2011
- **The Archimedes Palimpsest Vol. II: Facsimile and Transcription**
  Netz, R., Noel, W., et al
  Cambridge University Press.2011
- **WHAT DID GREEK MATHEMATICIANS FIND BEAUTIFUL?** *CLASSICAL PHILOLOGY*
  Netz, R.
  2010; 105 (4): 426-444
- **The Transformation of Mathematics in the Early Mediterranean: from Problems to Equations**
  Netz, R.
  Enalios.2010
- **Review of The Artist and Mathematician** *Common Knowledge*
  Netz, R., Aczel, A.
  2010
- **Imagination and Layered Ontology in Greek Mathematics** *CONFIGURATIONS*
  Netz, R.
  2009; 17 (1-2): 19-50
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *O Kodikas lou Archimede*
  Netz, R., Noel, W.
  Alexandria.2009
- **The Exact Sciences** *The Oxford Handbook of Hellenic Studies*
  Netz, R., et al
  edited by Stones, B., et al

2009: 579–596

- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Archimeduv Kodex*
  Netz, R., Noel, W.
  Deus.2009
- **Ludic Proof: Greek Mathematics and the Alexandrian Aesthetic**
  Netz, R.
  Cambridge University Press.2009
- **Positions of Stress: Essays on Israeli Literature Between Sound and History**
  Netz, R., Arad, M.
  Achuzat Bayit.2008
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Kaidoku! Arukimedesu shahon: yohishi kara yomigaetta tensai sugakusha*
  netz, R., Noel, W.
  Kobunsha.2008
- **The entries Archimedes, Apollonius** *Encyclopaedia of Ancient Natural Sciences*
  Netz, R.
  2008
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Le codex d'Archimede: Les secrets du manuscript le plus celebre de la science*
  Netz, R., Noel, W.
  JC Lattes.2008
- **The 'Archimedes codex' - Revealing the secrets of the world's greatest palimpsest (Book Review)** *TLS-THE TIMES LITERARY SUPPLEMENT*
  Book Review Authored by: Benedict-Nelson, A.
  2007: 34-34
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest**
  Netz, R., Noel, W.
  Widenfeld and Nicholson.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Ha-Kodeks Shel Archimedes*
  Netz, R., Noel, W.
  Yedioth Achronot.2007
- **The Obscenity of Rhyme** *Ho!*
  Netz, R.
  2007; 5
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *De Archimedes-Codex*
  Netz, R., Noel, W.
  Polak & Van Gennep.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Il Codice Perduto di Archimede. La storia di un libro ritrovato e dei suoi segreti matematici*
  Netz, R., Noel, W.
  Rizzoli.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Kodeks Archimedes Tajemnice najslynniejszego palimpsestu swiata*
  Netz, R., Noel, W.
  Magnum.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *El Codigo de Arquimedes*
  Netz, R., Noel, W.

Temas de Hoy.2007

- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *O Codex Arquimedes*
  Netz, R., Noel, W.
  Edicoes 70.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *The Archimedes Codex: How a Medieval Prayer Book is Revealing the True Genius of Antiquity's Greatest Scientist*
  Netz, R., Noel, W.
  Da Capo.2007
- **The Archimedes Codex: Revealing the Secrets of the World's Greatest Palimpsest** *Der Kodex des Archimedes: das berhümteste Palimpsest der Welt wird entschülsselt*
  Netz, R., Noel, W.
  C.H. Beck.2007
- **On a Generation that has Squandered its Poets** *Ho!*
  Netz, R.
  2006; 3: 172-191
- **Khayyam in Between** *Ho!*
  Netz, R.
  2006; 4: 197 - 202
- **Coiled, Together** *Mitaa'am*
  Netz, R.
  2006; 5: 95 - 108
- **The Carnival of Masks** *Ho!*
  Netz, R., Arad, M.
  2006; 4: 140 - 166
- **The aesthetics of mathematics: A study** *Meeting on Mathematics as Rational Activity*
  Netz, R.
  SPRINGER.2005: 251–293
- **The Limits of Text in Greek Mathematics** *History of Science, History of Text*
  Netz, R.
  edited by Chemla, K.
  2005: 161–176
- **Uniforms off: on New Verse Poetry** *Ho!*
  Netz, R.
  2005; 2: 116-140
- **Euclid's Data or The Importance of Being Given** *Classical Review*
  Netz, R., Taisbak, C. M.
  2005
- **Eudemus of Rhodes, Hippocrates of Chios and the Earliest Form of a Greek Mathematical Text** *Centaurus*
  Netz, R.
  2005: 243-286
- **The Pythagoreans** *Mathematics and Views of the Divine, a Historical Study*
  Netz, R.
  edited by Bergmans, L., Koetsier, T.
  Elsevier: Amsterdam.2005: 77–97
- **On Two Types of intertextuality** *Revue d'Histoire des Mathematiques*
  Netz, R.

2005: 143-155

- **Towards a Reconstruction of Archimedes' Stomachion: Preliminary Evidence from the Archimedes Palimpsest** *Sciamvs*
  Netz, R., Acerbi, F., Wilson, N.
  2004: 67-99
- **Ancient Mathematics: some Ways of Re-Writing** *Science in Context*
  Netz, R.
  2004; 16: 275 - 286
- **The Transformation of Mathematics in the Early Mediterranean: from Problems to Equations**
  Netz, R.
  Cambridge University Press.2004
- **Archimedes: Translation and Commentary, with a Critical Edition of the Diagrams and a Translation of Eutocius' commentaries, Vol. 1: The Sphere and the Cylinder**
  Netz, R.
  Cambridge University Press.2004
- **How Propositions Begin: towards an Interpretation of Hupothesis in Plato's Divided Line** *Hyperboreus*
  Netz, R.
  2004: 295-317
- **On Reading Alterman (that is, on Pasternak)** *Ho!*
  Netz, R.
  2004; 1: 192-217
- **The Goal of Archimedes' Sand-Reckoner** *Apeiron*
  Netz, R.
  2004: 251-290
- **Review of G. E. R. Lloyd, Ancient Worlds, Modern Reflections** *Times Literary Supplement*
  Netz, R.
  2004
- **A Century of Greek Mathematics: Classics in Twentieth Century Historiography**
  edited by Netz, R., Christianidis, J., et al
  Kluwer.2004
- **Barbed Wire: an Ecology of Modernity**
  Netz, R.
  Wesleyan University Press.2004
- **Plato's mathematical construction** *CLASSICAL QUARTERLY*
  Netz, R.
  2003; 53 (2): 500-509
- **The Size of the Sign: where Phonology Meets Lexical Semantics** *Glow Newsletter*
  Netz, R., Arad, M.
  2003
- **It's not that they couldn't** *Revue d'Histoire des Mathematiques*
  Netz, R.
  2003; 8: 263-289
- **Proof, amazement, and the unexpected** *SCIENCE*
  Netz, R.
  2002; 298 (5595): 967-968
- **Counter culture: Towards a history of Greek numeracy** *HISTORY OF SCIENCE*
  Netz, R.

2002; 40 (129): 321-352

- **Did Plato have a Philosophy of Science? An Essay-Review on Andrew Gregory: Plato's Philosophy of Science** *Oxford Studies in Ancient Philosophy*
  Netz, R.
  2002; 23: 247 - 263
- **How does a Geometrical Problem become a Cubic Equation** *Farhang*
  Netz, R.
  2002; 14: 221-259
- **Greek Mathematicians: a Group Picture** *Science and Mathematics in Greek Cultureed*
  Netz, R., Rihll, T., Tuplin, C.
  Oxford University Press.2002: 196–216
- **A New Reading of Archimedes' Use of Indivisibles: Preliminary Evidence from the Archimedes Palimpsest, part 2** *Sciamus*
  Netz, R., Saito, K., Tchernetska, N.
  2002; 3: I 09-125
- **Collections of confinement: Thoughts on Barbed Wire** *Connect: Art-Politics-Theory Practice*
  Netz, R.
  2002; 4: 15 - 22
- **On the Aristotelian paragraph** *PCPS-PROCEEDINGS OF THE CAMBRIDGE PHILOLOGICAL SOCIETY*
  Netz, R.
  2001: 211-232
- **Archimedes and Mar Saba: a Preliminary Notice** *The Sabaite Heritage: The Sabaite Factor in the Orthodox Church: Monastic life, Liturgy, Theology, Literature, Art and Archaeology*
  Netz, R.
  edited by Parich, J.
  2001: 195–199
- **Review of Lucio Russo, La Rivoluzione Dimenticata** *Historia Mathematica*
  Netz, R.
  2001; 29: 72 - 73
- **A New Reading of Archimedes' Use of Indivisibles: Preliminary Evidence from the Archimedes Palimpses, part 1** *Sciamus*
  Netz, R., Saito, K., Tchernetska, N.
  2001; 2: 9 - 29
- **The origins of mathematical physics: New light on an old question** *PHYSICS TODAY*
  Netz, R.
  2000; 53 (6): 32-37
- **Why did Greek Mathematicians Publish their Analyses** *Memorial Volume for Wilbur Knorr*
  Netz, R.
  edited by Mandel, H., Moravcsik, J., Suppes, P.
  2000: 139–157
- **The sections on Greek Geometry** *Enciclopedia Italiana della Storia della scienza*
  Netz, R.
  2000: 756–800
- **La Construction d 'un Ideal** *Les Cahiers des Sciences & Vie*
  Netz, R.
  2000
- **Ancient sources for the study of Science** *Endeavour*
  Netz, R.

2000; 24: 53 - 54

- **Barbed Wire** *London Review of Books*
  Netz, R.
  2000; 22 (14): 30 - 35
- **Why did Greek Mathematicians Publish their Analyses?** *Memorial Volume for Wilbur Knorr*
  Netz, R.
  edited by Mandel, H., Moravcsik, J., Suppes, P.
  2000: 139–157
- **Linguistic Formulae as Cognitive Tools (tr. Into Japanese)** *Gendai Shiso (Revue de la Pensee d'aujourd'hui)*
  Netz, R.
  2000; 28: 135-147
- **Insight from Oversight: an Essay-Review on Jaap Mansfeld: Prolegomena Mathematica** *Apeiron*
  Netz, R.
  2000; 33: 171-179
- **The Shaping of Deduction in Greek Mathematics: A Study in Cognitive History**
  Netz, R.
  Cambridge University Press.1999
- **Linguistic Formulae as Cognitive Tools** *Pragmatics and Cognition*
  Netz, R.
  1999; 7: 147 - 176
- **Deuteronomic Texts: Late Antiquity and the History of Mathematics** *Revue d'Histoire des Mathetmatiques*
  Netz, R.
  1999; 4: 261-288
- **Proclus' division of the mathematical proposition into parts: How and why was it formulated?** *CLASSICAL QUARTERLY*
  Netz, R.
  1999; 49 (1): 282-303
- **Synthesising Aristotelian Science** *Classical Review*
  Netz, R.
  1999; 49: 117 - 120
- **Adayin bahuc** *Shufra*
  Netz, R.
  1999
- **Greek Diagrams: their Use and Their Meaning** *For the Learning of Mathematics*
  Netz, R.
  1998: 33 - 39
- **The First Jewish Scientist** *Scripta Classica Israelica*
  Netz, R.
  1998; 17: 27 - 33
- **Archimedes Transformed: the Case of A Result Stating a Maximum for a Cubic Equation** *Archive for History of Exact Sciences*
  Netz, R.
  1998; 54: 1 - 47
- **On a Certain Sense of Historiographical Unease: an Essay-Review on Catherine Goldetein: Un theoreme de Fermat et ses lecteurs** *Studies in History and Philosophy of Science*
  Netz, R.
  1998; 29: 491 - 499

- **Classical Mathematics in the Classical Mediterranean** *Mediterranean Historical Review*
  Netz, R.
  1997; 12: 1 - 24
- **Sokrates ve-hasministim** *Metaphora*
  Netz, R.
  1990