Chapter 1
Introduction to Graham Priest on Dialetheism and Paraconsistency

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Abstract We provide a short introduction to the volume “Graham Priest on Dialetheism and Paraconsistency.”

Keywords Graham Priest · Paraconsistency · Dialetheism

During a time in which the humanities and sciences have progressed steadily toward hyperspecialization, Graham Priest’s philosophical output over nearly half a century is exceptional in its breadth (to say nothing of its depth). Across his papers, books, and lectures, Priest has brought an outsider’s eye to philosophy—Priest was trained as a mathematician and his knowledge of philosophy is proudly self-taught—which has been a characterizing feature of his work. This outsider’s eye is a catalyst for both Priest’s willingness to serve as an iconoclast to the idols of Western analytic philosophy and his talent for fostering the kind of synthetic dialogue necessary for alternatives to these idols.

As Priest’s short intellectual autobiography in this volume illustrates, his research has touched on seemingly everything; his mark can be found in myriad fields, including political and legal philosophy, Eastern philosophy, game theory, artificial intelligence, and continental philosophy. Of all the fronts in Priest’s insurgent career, he is arguably best known for his role as a logician. Although we have little doubt that similar volumes could be devoted to Priest qua metaphysician or philosopher of language, it is this role on which this volume focuses.
In his role as an logician, Priest is known for championing the position of
dialetheism—the thesis that true contradictions are a part of the fabric of the world—
and the techniques of paraconsistency—the property of a consequence relation
according to which the hypothesis of a contradiction does not entail everything.

Paraconsistency had lain implicitly in the fabric of several projects in philosophical
logic before Priest took up its development. For example, in the communities of
relevance (or relevant) logic, the core motivational thesis is that valid entailments
require that a hypothesis must be relevant to its consequences. Paraconsistency is a
necessary companion of this thesis; the irrelevance between, say, a contradiction in the
language of mathematics and an arbitrary statement in the language of biology means
that no entailment relation holds between “0 ≠ 1 and not-0 ≠ 1” and “frogs have
wings.” Paraconsistency likewise accompanies other projects, including connexive
logic or discussive logic.

Priest further radicalized the notion of paraconsistency by arguing for the posi-
tion of dialetheism. Moving from the model-theoretic vantage point from which there
exist inconsistent but nontrivial models to the thesis that reality itself includes inco-
sistencies was indeed a radical move (the preface to the second edition of Priest’s In
Contradiction includes an involved discussion of the trials Priest faced in publishing
this landmark work). In the Western tradition, the consistency of the world had been
taken nearly as an axiom since Aristotle. To take a relatively inoffensive tool of the
nonclassical logician and lend it the gravity of a metaphysical thesis running counter
to philosophy’s first principles was a risky move; to this day, the central claim of
dialetheism is as likely as not to be at the receiving end of the “incredulous stare.”
But throughout it all, Priest has continued the work of producing calm, clear, and
compelling argumentation in its favor.

We believe that the papers of this volume serve as a further demonstration of
the breadth and reach of Priest’s endeavors in logic. The dimensions along which
their contents range—from sympathetic to critical, from philosophical to technical,
from analytic to continental—are wide ranging. Each piece seizes on some facet
of Priest’s work in logic and offers new contributions to his legacy; while there are
undoubtedly gaps—it would take multiple volumes to touch on everything that Priest
has worked on—it is our opinion that the work included in this volume provides a
great representation of the arc of Priest’s work and shows that the debates ignited by
Priest’s work are as compelling today as they’ve ever been.