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as well as first-year
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shallow and deep
foundations and
retaining
structures as well
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analysis and
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progressively
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mechanics and

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such as plastic
limit analysis and
cavity expansion
theories before
leading into the
theories of
foundation, lateral
earth pressure
and slope stability
analysis. On the
engineering side,
the book

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methods. And
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methods can be
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Des Vuhis
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information on
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design

procedures as

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practical design, but a theoretical approach is also provided to enhance student development. While the book is intended for junior-and senior-level engineering students, some of the later

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chapters can be used in graduate courses and practicing engineers will find this text to be an essential reference tool for reviewing current practices.

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*When it comes to
designing and
constructing retaining
structures that are safe
and durable,
understanding the
interaction between soil
and structure is at the
foundation of it all.*

*Laying down the
groundwork for the non-
specialists looking to
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of the background and*

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issues surrounding
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engineering, *Earth
Pressure and Earth-
Retaining Structures,
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introduces the
mechanisms of earth
pressure, and explains
the design requirements
for retaining structures.
This text makes clear
the uncertainty of
parameter and partial

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*factor issues that
underpin recent codes.*

*It then goes on to
explain the principles
of the geotechnical
design of gravity walls,
embedded walls, and
composite structures.*

*What's New in the
Third Edition: The first
half of the book brings
together and describes
possible interactions
between the ground and*

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a retaining wall. It also includes materials that factor in available software packages dealing with seepage and slope instability, therefore providing a greater understanding of design issues and allowing readers to readily check computer output. The second part of the book begins by describing the

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*background of
Eurocode 7, and ends
with detailed
information about
gravity walls, embedded
walls, and composite
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recent material on
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excavations as well as
work on soil nailing,
anchored walls, and
cofferdams. Previous
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*development of earth
pressure theory and on
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have been moved to an
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