

1. Record Nr.	UNINA9910463278403321
Titolo	Typolyrics [[electronic resource] ] : the sound of fonts // edited by Slanted
Pubbl/distr/stampa	Basel, : Birkhauser, c2010
Descrizione fisica	1 online resource (208 p.)
Classificazione	AN 34300
Disciplina	686.224
Soggetti	Type and type-founding Songs Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Frontmatter -- Table of Contents -- Introduction -- Geometric -- Blackletter -- Sans Serif -- Script -- Signs/Symbols/Ornaments -- Monospace/Typewriter -- Serif -- Stencil -- Matrix/Computer Based -- Western -- Slab Serif -- Appendix -- Imprint
Sommario/riassunto	Grafikdesigner lieben Musik. Das zeigt nicht zuletzt die große Begeisterung der Leser des Typografie-Magazins "Slanted" für die Rubrik "Typo Lyrics", in der Gestalter Musik mithilfe von Schrift ganz neu interpretieren. Für die gleichnamige Publikation haben sich renommierte Grafikdesigner wie Fons Hickmann sowie junge Talente aus der ganzen Welt von Songtexten zu innovativen Font-Designs inspirieren lassen. Entstanden ist eine Sammlung faszinierender Visuals - "Schriftbilder", die zeitgenössische Fonts auf eine etwas andere Weise präsentieren. Das außergewöhnliche Zusammenspiel von Schriftgestaltung und Musik macht die Fonts lebendig und bringt sie regelrecht zum Tanzen. Im Gegensatz zu klassischen Musterbüchern oder Schriftenfächern wird so ein besonderer, emotionaler Zugang zur Typografie geschaffen, der das große Ausdruckspotenzial von Schriften deutlich macht. Analog zur traditionellen Schriftklassifikation gliedert sich das Buch in elf Kapitel, die sich jeweils mit einer Schriftfamilie und Songtexten einer bestimmten Musikrichtung auseinandersetzen. Graphic designers love music. This is attested not least by the tremendous enthusiasm that readers of the typography magazine

Slanted bring to its "Typo Lyrics" column, in which designers interpret music in entirely new ways with the help of fonts. For this publication of the same name, celebrated graphic designers like Fons Hickmann as well as talented young designers from all over the world have taken song lyrics and used them as the inspiration for innovative font designs. The result is a collection of fascinating visuals - "typographic images" that present contemporary fonts a little bit differently. The extraordinary interplay of type design and music brings the fonts to life and practically sets them dancing. In contrast to classical pattern books and font fans, this volume provides a special, more emotional experience of typography and illustrates the great expressive potential of typefaces. On analogy with the traditional classification of fonts, the book is organized into eleven chapters, each of which treats a particular font family and song lyrics from a particular musical style.

2. Record Nr.	UNINA9910795044203321
Autore	Banichuk Nikolai Vladimirovich
Titolo	Optimal structural design : contact problems and high-speed penetration // Nikolay V. Banichuk, Svetlana Yu. Ivanova
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter, , 2017 ©2017
ISBN	3-11-053090-2 3-11-053118-6
Descrizione fisica	1 online resource (192 pages) : illustrations
Classificazione	SCI018000TEC009070SCI041000MAT003000
Disciplina	624.1/771
Soggetti	Structural analysis (Engineering) Joints (Engineering) Interfaces (Physical sciences)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- Part I: Quasi-statics of contact interaction -- 1. Optimal contact pressure and optimal punch shape -- 2. Influence of forces applied outside contact region -- 3. Shape

optimization of punch moving with friction -- 4. Optimization in contact problems under incomplete data -- 5. Application of probabilistic data -- 6. Minimization of material wear -- 7. Multiobjective optimization of contact pressure, wear of material, and energy dissipation -- Part II: High-speed penetration into deformable medium -- 8. Optimization of impactor shape -- 9. Strikers of nonaxisymmetric optimal shape -- 10. Multiobjective optimization of rigid shell -- 11. Optimization of truncated rotating strikers -- 12. Penetration into solid medium under strength constraints -- 13. Some problems of global multipurpose structural optimization -- 14. Analytical and numerical estimations of optimal parameters of layered slab -- 15. Striker shape optimization using condition of minimal ballistic limit velocity for layered slabs -- Part III: Appendices -- Appendix A. Nonadditive functionals and extremum conditions -- Appendix B. Multivariant estimation of functionals and their sensitivity -- Appendix C. Basic ideas of multicriteria optimization -- Appendix D. Evolutionary algorithm of global optimization -- Bibliography -- Index

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## Sommario/riassunto

This monograph studies optimization problems for rigid punches in elastic media and for high-speed penetration of rigid strikers into deformed elastoplastic, concrete, and composite media using variational calculations, tools from functional analysis, and stochastic and min-max (guaranteed) optimization approaches with incomplete data. The book presents analytical and numerical results developed by the authors during the last ten years.

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