Optimality Theory

(Prince & Smolensky 1993)

- Optimality Theory is a theory of language and grammar in which well-formedness constraints on outputs determine grammaticality

If you don't want phonology to be just a technique for data-compression, you have to seek the locus of explanatory action elsewhere

(Prince & Smolensky, 1993)

Optimality Theory

Joost Dekkers (linguiste),Frank Reinoud Hugo van der Leeuw,Jeroen Maarten van de Weijer

Optimality Theory:

Optimality Theory Rene Kager,1999-06-28 This is an introduction to Optimality Theory whose central idea is that surface forms of language reflect resolutions of conflicts between competing constraints A surface form is optimal if it incurs the least serious violations of a set of constraints taking into account their hierarchical ranking Languages differ in the ranking of constraints and any violations must be minimal The book does not limit its empirical scope to phonological phenomena but also contains chapters on the learnability of OT grammars OT s implications for syntax and other issues such as opacity It also reviews in detail a selection of the considerable research output which OT has already produced Exercises accompany chapters 1 7 and there are sections on further reading Optimality Theory will be welcomed by any linguist with a basic knowledge of derivational Generative Phonology *Optimality Theory* Alan Prince,Paul Smolensky,2004-09-24 This book is the final version of the widely circulated 1993 Technical Report that introduces a conception of grammar in which well formedness is defined as optimality with respect to a ranked set of universal constraints Final version of the widely circulated 1993 Technical Report that was the seminal work in Optimality Theory never before available in book format Serves as an excellent introduction to the principles and practice of Optimality Theory Offers proposals and analytic commentary that suggest many directions for further development for the professional Optimality Theory Rene Kager,1999-06-28 This is an introduction to Optimality Theory whose central idea is that surface forms of language reflect resolutions of conflicts between competing constraints A surface form is optimal if it incurs the least serious violations of a set of constraints taking into account their hierarchical ranking Languages differ in the ranking of constraints and any violations must be minimal The book does not limit its empirical scope to phonological phenomena but also contains chapters on the learnability of OT grammars OT s implications for syntax and other issues such as opacity It also reviews in detail a selection of the considerable research output which OT has already produced Exercises accompany chapters 1 7 and there are sections on further reading Optimality Theory will be welcomed by any linguist with a basic knowledge of derivational Generative Phonology Optimality Theory in Phonology John J. McCarthy,2008-04-15 Optimality Theory in Phonology A Reader is a collection of readings on this important new theory by leading figures in the field including a lengthy excerpt from Prince and Smolensky s never before published Optimality Theory Constraint Interaction in Generative Grammar Compiles the most important readings about Optimality Theory in phonology from some of the most prominent researchers in the field Contains 33 excerpts spanning a range of topics in phonology and including many never before published papers Includes a lengthy excerpt from Prince and Smolensky s foundational 1993 manuscript Optimality Theory Constraint Interaction in Generative Grammar Includes introductory notes and study research questions for each chapter **Optimality Theory - An Introduction** Patrick Schmitz,2012-03-13 Seminar paper from the year 2009 in the subject English Language and Literature Studies Linguistics grade 2 0 RWTH Aachen University language English abstract The linguistic model Optimality Theory

was for the first time proposed by the linguist Alan Prince Rutgers University New Jersey in cooperation with his colleague Paul Smolensky John Hopkins University Baltimore in the year 1993 This representational model has since then been constantly expanded for instance owing to the work of John J McCarthy University of Massachusetts Amherst and other scholars such as Ren Kager in the Netherlands or Caroline F ry in Germany The studies conducted in this term paper are primarily based upon the work of the aforementioned scholars with a particular focus on the examinations by the three fathers of Optimality Theory viz Prince Smolensky and McCarthy Another fact revealing that this model is a current and productive one i e beside the spreading and development of Optimality Theory all over the linguistic world is its applicability to different subfields of linguistics namely phonology syntax and morphology With reference to its wide use it should be said that this term paper predominantly examines the phonological applicability of this linguistic model The theory itself borrows fundamental aspects from Generative Grammar such as the role of Universal Principles in language which will be pointed out as one of the most important pillars of Optimality Theory in the course of this paper In addition to explaining the fundamental principles and processes in Optimality Theory such as the roles of constraints and various other functions as for example GEN or EVAL in a general introduction chapter 2 I will also report on two case studies chapter 3 one on Tagalog prefix infixation already examined by Prince and Smolensky and one on German Final Devoicing worked upon by F ry The examination of these particular case studies shall prove that Optimality Theory is helpful when it comes to scrutinizing certain grammatical phenomena either in well known languages such as German or less known and used languages such as Tagalog an Austronesian language spoken in the Philippines Finally I want to point out the advantages and disadvantages of this linguistic model by focussing on the set of the following questions why do scholars employ the strategies of Optimality Theory and how do these strategies support linguists in coming to their respective results What actually is Optimality Theory good for and in which respect does it prove inadequate for studying languages and grammatical systems *Optimality Theory and Language Change* D.E. Holt,2003-08-31 This work discusses many optimization and linguistic issues in great detail It treats the history of a variety of languages including English French Germanic Galician Portuguese Latin Russian and Spanish and shows that the application of Optimality Theory allows for innovative and improved analyses It contains a complete bibliography on OT and language change It is of interest to historical linguists researchers into OT and linguistic theory and phonologists and syntacticians with an interest in historical change Doing Optimality Theory John J. McCarthy,2008-05-19 Doing Optimality Theory brings together examples and practical detailed advice for undergraduates and graduate students working in linguistics Given that the basic premises of Optimality Theory are markedly different from other linguistic theories this book presents the analytic techniques and new ways of thinking and theorizing that are required Explains how to do analysis and research using Optimality Theory OT a branch of phonology that has revolutionized the field since its conception in 1993 Offers practical in depth advice for students and researchers in the field presented in an

engaging way Features numerous examples questions and exercises throughout all helping to illustrate the theory and summarize the core concepts of OT Written by John J McCarthy one of the theory s leading proponents and an instrumental figure in the dissemination and use of OT today An ideal guide through the intricacies of linguistic analysis and research for beginning researchers and by example one which will lead the way to future developments in the field   *Optimality Theory* Joost Dekkers (linguiste),Frank Reinoud Hugo van der Leeuw,Jeroen Maarten van de Weijer,2000 The introduction of Optimality Theory OT by Prince and Smolenski in 1995 is frequently seen as the most important development in generative grammar of the 1990s It has profoundly changed the understanding of sound systems it has given a new impetus to the study of language acqusition and its potential for the discovery and explanation of the universal properties of language is increasingly recognized OT subsitutes constraints for rules in universal grammar and linguistic performance Constraints are ranked so that a a lower ranked constraint may be violated in order to satisfy a higher The assumption that constraints are vioable can be considered as the formal correlate of linguistic tendencies whereas their ranking expresses the degree to which individual languages exhibit these tendencies OT may thus be used to describe the characteristics of any language but it is as yet too general to provide a substantive theory of grammar In this book a range of scholars consider the specific properties that an OT grammar should have After an extensive introduction the volume is divided into four parts Parts One and Two are concerned respectively with prosodic representations and segmental phonology Parts Three and Four then consider the application of OT to syntax and syntatic theory and to language acquistion and learnability This wide ranging collection of new work by leading scholars from the USA and Europe will interest linguists and postgraduate students in all the main fields of discipline Its insights and the research it reports will also be valuable to those whose theoretical position is apparently at odds with the principles of OT   Optimality Theory and Pragmatics Reinhard Blutner,Anne Bezuidenhout,Richard Breheny,Sam Glucksberg,Francesca Happé,2003-12-19 Ten leading scholars provide exacting research results and a reliable and accessible introduction to the new field of optimality theoretic pragmatics The book includes a general introduction that overviews the foundations of this new research paradigm The book is intended to satisfy the needs of students and professional researchers interested in pragmatics and optimality theory and will be of particular interest to those exploring the interfaces of formal pragmatics with grammar semantics philosophy of language information theory and cognitive psychology   A Thematic Guide to Optimality Theory John J. McCarthy,2001-12-20 This book describes Optimality Theory from the top down explaining and exploring the central premises of OT and the results that follow from them Examples are drawn from phonology morphology and syntax but the emphasis throughout is on the theory rather than the examples on understanding what is special about OT and on equipping readers to apply it extend it and critique it in their own areas of interest The book s coverage extends to work on first and second language acquisition phonetics and functional phonology computational linguistics historical linguistics and sociolinguistics Chapters conclude with extensive suggestions

for further reading classified by topic and are supplemented by a massive bibliography over 800 items   *Learnability in Optimality Theory* Bruce Tesar,Paul Smolensky,2000-05-08 Highlighting the close relationship between linguistic explanation and learnability Bruce Tesar and Paul Smolensky examine the implications of Optimality Theory OT for language learnability Highlighting the close relationship between linguistic explanation and learnability Bruce Tesar and Paul Smolensky examine the implications of Optimality Theory OT for language learnability They show how the core principles of OT lead to the learning principle of constraint demotion the basis for a family of algorithms that infer constraint rankings from linguistic forms Of primary concern to the authors are the ambiguity of the data received by the learner and the resulting interdependence of the core grammar and the structural analysis of overt linguistic forms The authors argue that iterative approaches to interdependencies inspired by work in statistical learning theory can be successfully adapted to address the interdependencies of language learning Both OT and Constraint Demotion play critical roles in their adaptation The authors support their findings both formally and through simulations They also illustrate how their approach could be extended to other language learning issues including subset relations and the learning of phonological underlying forms   **The Syllable in Optimality Theory** Caroline Féry,Ruben van de Vijver,2003-01-27 The syllable has always been a key concept in generative linguistics the rules representations parameters or constraints posited in diverse frameworks of theoretical phonology and morphology all make reference to this fundamental unit of prosodic structure No less central to the field is Optimality Theory an approach developed within morpho phonology in the early 1990s This 2003 book combines two themes of central importance to linguists and their mutual relevance in recent research It provides an overview of the role of the syllable in OT and ways in which problems that relate to the analysis of syllable structure can be solved in OT The contributions to the book not only show that the syllable sheds light on certain properties of OT itself they also demonstrate that OT is capable of describing and adequately analyzing many issues that are problematic in other theories The analyses are based on a wealth of languages   *Optimality Theory and Minimalism* Hans Broekhuis,2009   **Optimality Theory Phonological Acquisition and Disorders** Daniel A. Dinnsen,Judith A. Gierut,2008-03 Focusing on the phonologies of children with functional non organic speech disorders this volume reports the latest findings in optimality theory phonological acquisition and disorders The book is based on typological cross sectional longitudinal and experimental evidence from over 200 children It stands out because of the unique test case that the population offers to optimality theory particularly with respect to puzzles of opacity lawful orders of acquisition and language learnability Beyond its theoretical significance this research holds clinical relevance for the assessment and treatment of disordered populations most notably the systematic prediction of learning outcomes The volume bridges the gap between theory and application by showing how each informs the other It is intended for linguists psychologists speech pathologists second language instructors and those interested in the latest developments in phonological theory and its applied extensions   **Bidirectional Optimality**

Theory Anton Benz,Jason Mattausch,2011 Bidirectional Optimality Theory BiOT emerged at the turn of the millennium as a fusion of Radical Pragmatics and Optimality Theoretic Semantics It stirred a wealth of new research in the pragmatics semantics interface and heavily influenced e g the development of evolutionary and game theoretic approaches Optimality Theory holds that linguistic output can be understood as the optimized products of ranked constraints At the centre of BiOT is the insight that this optimisation has to take place both in production and interpretation and that the production interpretation cycle has to lead back to the original input BiOT is now generally interpreted as a description of diachronically stable and cognitively optimal form meaning pairs It found applications beyond the semantics pragmatics interface in language acquisition historical linguistics phonology syntax and typology This book provides a state of the art overview of these developments It collects nine chapters by leading scientists in the field **Sound Variation, Abduction, and Optimality Theory** Ryan Star of David Klint,2002 **The MIT Encyclopedia of the Cognitive Sciences (MITECS)** Robert A. Wilson,Frank C. Keil,2001-09-04 Since the 1970s the cognitive sciences have offered multidisciplinary ways of understanding the mind and cognition The MIT Encyclopedia of the Cognitive Sciences MITECS is a landmark comprehensive reference work that represents the methodological and theoretical diversity of this changing field At the core of the encyclopedia are 471 concise entries from Acquisition and Adaptationism to Wundt and X bar Theory Each article written by a leading researcher in the field provides an accessible introduction to an important concept in the cognitive sciences as well as references or further readings Six extended essays which collectively serve as a roadmap to the articles provide overviews of each of six major areas of cognitive science Philosophy Psychology Neurosciences Computational Intelligence Linguistics and Language and Culture Cognition and Evolution For both students and researchers MITECS will be an indispensable guide to the current state of the cognitive sciences **Patterns of Reduplication in Lushootseed** Suzanne Urbancyzk,2001 A detailed examination of three reduplicative morphemes in Lushootseed Central Salish arguing that every aspect of their phonological effect follows from being specified as either root or affix **Optimality Theory** Joost Dekkers,Frank Reinoud Hugo van der Leeuw,Jeroen Maarten van de Weijer,2000 **Japanese Loanword Phonology in Optimality Theory** Masahiko Mutsukawa,2006

Unveiling the Power of Verbal Artistry: An Emotional Sojourn through **Optimality Theory**

In some sort of inundated with monitors and the cacophony of instant communication, the profound energy and mental resonance of verbal artistry usually fade in to obscurity, eclipsed by the continuous barrage of noise and distractions. Yet, located within the lyrical pages of **Optimality Theory**, a captivating perform of literary beauty that impulses with natural emotions, lies an unique trip waiting to be embarked upon. Published by way of a virtuoso wordsmith, that enchanting opus guides readers on an emotional odyssey, gently exposing the latent possible and profound impact embedded within the complicated web of language. Within the heart-wrenching expanse with this evocative analysis, we shall embark upon an introspective exploration of the book is key themes, dissect their interesting writing design, and immerse ourselves in the indelible impression it leaves upon the depths of readers souls.

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Table of Contents Optimality Theory

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