



Two sepedi-english code-switched speech corpora

Thipe I. Modipa^{1,2} · Marelle H. Davel^{2,3}

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Abstract

We report on the development of two reference corpora for the analysis of Sepedi-English code-switched speech in the context of automatic speech recognition. For the first corpus, possible English events were obtained from an existing corpus of transcribed Sepedi-English speech. The second corpus is based on the analysis of radio broadcasts: actual instances of code switching were transcribed and reproduced by a number of native Sepedi speakers. We describe the process to develop and verify both corpora and perform an initial analysis of the newly produced data sets. We find that, in naturally occurring speech, the frequency of code switching is unexpectedly high for this language pair, and that the continuum of code switching (from unmodified embedded words to loanwords absorbed into the matrix language) makes this a particularly challenging task for speech recognition systems.

Keywords Code switching · Speech corpus · Multilingual speech recognition · Sepedi

1 Introduction

Many bilingual and multilingual environments are characterised by the presence of one dominant language or lingua franca and a number of other, typically diverse languages. The dominant language is often a language that is widely spoken, such as English or French. Speakers whose primary (or *matrix*) language is one of the other – often smaller, in terms of number of first language speakers – languages used in the presence of a dominant language, typically use words from the dominant language when they converse in the matrix language.

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Translate Figures Of Speech In Sepedi

Sylviane Granger, Magali Paquot



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The Routledge Handbook of Lexicography Pedro A. Fuertes-Olivera, 2017-10-02 The Routledge Handbook of Lexicography provides a comprehensive overview of the major approaches to lexicography and their applications within the field This Handbook features key case studies and cutting edge contributions from an international range of practitioners teachers and researchers Analysing the theory and practice of compiling dictionaries within the digital era the 47 chapters address the core issues of The foundations of lexicography and its interactions with other disciplines including Corpus Linguistics and Information Science Types of dictionaries for purposes such as translation and teaching Innovative specialised dictionaries such as the Oenolex wine dictionary and the Online Dictionary of New Zealand Sign Language Lexicography and world languages including Arabic Hindi Russian Chinese and Indonesian The future of lexicography including the use of the Internet user participation and dictionary portals The Routledge Handbook of Lexicography is essential reading for researchers and students working in this area *Electronic Lexicography* Sylviane Granger, Magali Paquot, 2012-10-25 This book brings together leading professional and academic lexicographers to report on current developments in the deployment of electronic means in the planning writing and dissemination of dictionaries Every major aspect of electronic lexicography is covered by the book including dictionary types general and specialized dictionaries monolingual and multilingual dictionaries collocation dictionaries sign dictionaries collaborative dictionaries in a range of formats CD ROM web based handheld dictionary writing systems integration of corpora The book also addresses the implications of electronic dictionary making for lexicographic theory and illustrates how the new developments are integrated into innovative dictionary projects like Wiktionary The perspective of the user is considered throughout the book including how electronic dictionaries take account of user needs and whether and how users take advantages of the new features afforded by the electronic medium This state of the art account of developments in one of the most vibrant areas of reference publishing and language research will appeal to everyone concerned with current lexicography *Unlocking the chains of knowledge* Monwabisi K Ralarala, Suren Pillay, Zannie Bock, Russell H. Kaschula, 2025-02-28 Unlocking the chains of knowledge Understanding the challenges remaking pedagogies and curriculum renewal addresses the complex yet imperative task of reshaping the colonial legacy embedded within South African higher education and beyond The book confronts the historical and ideological bindings that have entrenched European centric knowledge within the fabric of academia in Africa propelling a transformative journey within the Arts and Humanities At its core this work presents a tripartite focus firstly understanding the deep seated issues ingrained in the traditional university structure secondly remaking pedagogical practices and lastly renewing the curriculum Recognising the historical dominance of Eurocentric ideas the book explores various movements theories and practices from negritude to postcolonial theory aiming to emancipate and amplify the voices and knowledge of those historically excluded With a commitment to a pluralistic approach

the book scrutinises the power dynamics of language the importance of diverse perspectives and the challenging task of inclusion without replicating the divisive structures of the past Prof Christine Winberg Research Chair in Work integrated Learning Cape Peninsula University of Technology In *Unlocking the chains of knowledge Understanding the challenges remaking pedagogies and curriculum renewal* the editors provide a decisive and detailed reflection and profound understanding of complexities of knowledge generation in Southern Africa Unlike many volumes that address these intricate complexities this volume not only navigates the intricate complexities of the long history of epistemic injustices and intolerance in the Southern African higher education environment but delves deeper into the core of what is required for curriculum transformation and renewal The groundbreaking volume addresses the urgent need for linguistic inclusivity consciousness about decoloniality as well as embedding social justice in South African and Zimbabwean education and by doing so presents strategies that can be used by the rest of the African continent in addressing the scourge of coloniality Prof Pamela Maseko Executive Dean Faculty of Humanities Nelson Mandela University **Translation Studies Abstracts** ,2000

Emerging Traditions Vicki Briault Manus,2012-07-10 The monograph explores the linguistic impact of the colonial and postcolonial situations in South Africa on language policy on literary production and especially on the stylistics of fiction by indigenous South Africans writing in English A secondary concern is to investigate the present place of English in the multilingual spectrum of South African languages and to see how this worldly English relates to Global English in the South African context The introduction presents a socio linguistic overview of South Africa from pre historic times until the present including language planning policies during and after the colonial era and a cursory review of how the difficulties encountered in implementing the Language Plan provided for by the new South African constitution impinge on the development of black South African English Six chapters track the course of English in South Africa since the arrival of the British in 1795 considered from the point of view of the indigenous African population The study focuses on ways in which indigenous authors indigenize their writing innovating and subverting stylistic conventions including those of African orature in order to bend language and genre towards their own culture and objectives Each chapter corresponds to a briefly outlined historical period that is largely reflected in linguistic and literary developments A small number of significant works for each period are discussed one of which is selected for a case study at the end of each chapter where it is subjected to detailed stylistic analysis and appraised for the degree of indigenization or other linguistic or socio historic influences on style The methodology adopted is a linguistic approach to stylistics focusing on indigenization of English inspired by the work of Chantal Zabus in her book *The African Palimpsest Indigenization of Language in the West African Europhone Novel* 2007 1991 The conclusion reappraises the original hypothesis that the specific characteristi *Connecting Cultures* Emma Bainbridge,2013-09-13 This lively and incisive collection of essays from an international group of scholars explores the interactions between cultures originating in Africa India the Caribbean and Europe Those interactions have been both

destructive and richly productive and the consequences continue to trouble the living stream today Several of the essays focus on the continuing reverberations of political and cultural conflicts in post Apartheid Southern Africa including the presence in Britain of Zimbabwean asylum seekers Other authors discuss the ways in which Indian culture has transformed novelistic and cinematic forms A third group of essays examines the attempts of West Indian women writers to reclaim their territory and describe it in their own terms The collection as a whole is framed by essays which deal with discourses of terror and terrorism and how we translate and read them in the wake of 9 11 This book was previously published as a special issue of Third World Quarterly *COMSIG* ,1998 *The Subject Index to Periodicals* ,1919 **Linguistics and Language Behavior Abstracts** ,2002 **Debates of the National Assembly (Hansard)** South Africa. Parliament (1994-). National Assembly,1999

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