

Read PDF Coding  
And Marking  
Systems And  
*Coding And  
Marking  
Systems And  
Solutions  
Global*

Although the contributors to this book do not belong to one particular

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'school' of linguistic theory, they all share an interest in the external functions of language in society and in the relationship between these functions and internal linguistic phenomena. In this

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sense they all take a functional approach to grammatical issues. Apart from this common starting-point, the contributions share the aim of demonstrating the non-autonomous nature of

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morphology and syntax, and the inadequacy of linguistic models which deal with syntax, morphology and lexicon in separate, independent components. The recurrent theme throughout the

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book is the inseparability of lexis and morphosyntax, of structure and function, of grammar and society. The third and more specific common thread is case, which in some contributions is

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adduced to illustrate the more general point of the link between word form on the one hand and clausal and textual relations on the other hand, while in other papers it is at the centre of the discussion. The

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interest of the  
proposed volume  
consists in the fact  
that it brings  
together the views  
of leading scholars  
in functional  
linguistics of  
various  
'denominations'  
on the place of  
morphosyntax in

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linguistic theory.  
The book provides  
convincing  
argumentation  
against a modular  
theory with  
autonomous levels  
(the dominant  
framework in  
mainstream 20th  
century linguistics)  
and is a plea for



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further research  
into the connections  
between the  
lexicogrammar and  
the linguistic and  
extralinguistic  
context.

The Industrial  
Control Handbook  
has become a  
standard reference  
work for practicing

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engineers-and  
unlike many  
reference works it  
really is used! If  
you are a  
maintenance  
engineer trying to  
solve a problem the  
Industrial Control  
Handbook could  
save you from  
mental meltdown.

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Equally, if you want to work out practical solutions without recourse to advanced mathematics this is the book for you.

The Code of Federal Regulations is the codification of the general and

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permanent rules  
published in the  
Federal Register by  
the executive  
departments and  
agencies of the  
Federal  
Government.

Aviation Electronic  
Officer's Guide  
More Than 100  
Brain-Friendly

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Tools and  
Strategies for  
Literacy

Instruction

Chemical

Reference

Handbook

Third International

Conference, FSKD

2006, Xi'an, China,

September 24-28,

2006, Proceedings

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From Coding to  
Deep Learning

Explaining

Language

Structure through

Systems Interaction

***As a usage-based  
language theory,  
cognitive linguistics  
is predestined to  
have an impact on  
applied research in  
such areas as***

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***language in society,  
ideology, language  
acquisition,  
language pedagogy.  
The present  
volumes are a first  
systematic attempt  
to carve out  
pathways from the  
links between  
language and  
cognition to the  
fields of language  
acquisition and***

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*language pedagogy  
and to deal with  
them in one  
coherent framework:  
applied cognitive  
linguistics.*

*Vols. for 1970-71  
includes  
manufacturers'  
catalogs.*

*Prevention is the  
first line of defence  
in the fight against  
infection. As*



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**antibiotics and other  
antimicrobials**

**encounter**

**increasing reports  
of microbial**

**resistance, the field  
of decontamination  
science is**

**undergoing a major  
revival. A Practical  
Guide to**

**Decontamination in  
Healthcare is a  
comprehensive**

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*training manual,  
providing practical  
guidance on all  
aspects of  
decontamination  
including:  
microbiology and  
infection control;  
regulations and  
standards;  
containment,  
transportation,  
handling, cleaning,  
disinfection and*

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***sterilization of  
patient used  
devices; surgical  
instrumentation;  
endoscopes; and  
quality management  
systems. Written by  
highly experienced  
professionals, A  
Practical Guide to  
Decontamination in  
Healthcare  
comprises a  
systematic review of***

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*decontamination  
methods, with uses  
and advantages  
outlined for each.*

*Up-to-date  
regulations,  
standards and  
guidelines are  
incorporated  
throughout, to better  
equip healthcare  
professionals with  
the information they  
need to meet the*

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***technical and  
operational  
challenges of  
medical  
decontamination. A  
Practical Guide to  
Decontamination in  
Healthcare is an  
important new  
volume on state-of-  
the-art  
decontamination  
processes and a key  
reference source for***

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***all healthcare  
professionals  
working in  
infectious diseases,  
infection  
control/prevention  
and  
decontamination  
services.***

***Export Promotion  
Programs of the  
Foreign Commercial  
Service and the  
Export-Import Bank***

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**Syntax**

**Reconnecting**

**Language**

**Watermarking**

**Systems**

**Engineering**

**Conference on**

**Marking and**

**Labelling Intermodal**

**Containers, July 10,**

**1973. [Proceedings**

**Fuzzy Systems and**

**Knowledge**

**Discovery**

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software and other  
materials not

contained in the  
print version.

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to understanding  
and using lasers in  
material  
processing! Lasers  
are now an integral  
part of modern  
society, providing  
extraordinary

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opportunities for innovation in an ever-widening range of material processing and manufacturing applications. The study of laser material processing is a core element of many materials and manufacturing courses at

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undergraduate and  
postgraduate level.

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there is now a vast  
amount of research  
on the theory and  
application of  
lasers to be  
absorbed by  
students, industrial  
researchers,  
practising  
engineers and

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production  
managers. Written

by an  
acknowledged  
expert in the field  
with over twenty  
years' experience  
in laser processing,  
John Ion distils  
cutting-edge  
information and  
research into a  
single key text.

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Essential for  
anyone studying or  
working with  
lasers, Laser  
Processing of  
Engineering  
Materials provides  
a clear explanation  
of the underlying  
principles,  
including physics,  
chemistry and  
materials science,

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along with a  
framework of  
available laser  
processes and their  
distinguishing  
features and  
variables. This book  
delivers the  
knowledge needed  
to understand and  
apply lasers to the  
processing of  
engineering

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materials, and is  
highly

recommended as a  
valuable guide to  
this revolutionary  
manufacturing  
technology. The  
first single volume  
text that treats this  
core engineering  
subject in a  
systematic manner  
Covers the

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principles, practice  
and application of

lasers in all

contemporary

industrial

processes; packed

with examples,

materials data and

analysis, and

modelling

techniques

Scholars concerned

with the



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phenomenon of  
mind have  
searched through  
history for a  
principled yet non-  
reductionist  
approach to the  
study of  
knowledge,  
communication,  
and behavior.  
Pragmatics has  
been a recurrent

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theme in Western  
epistemology,  
tracing itself back  
from pre-Socratic  
dialectics and  
Aristotle's bio-  
functionalism, all  
the way to  
Wittgenstein's  
content-dependent  
semantics. This  
book's treatment of  
pragmatics as an

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analytic method  
focuses on the  
central role of  
context in  
determining the  
perception,  
organization, and  
communication of  
experience. As a  
bioadaptive  
strategy,  
pragmatics  
straddles the

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middle ground  
between absolute  
categories and the  
non-discrete  
gradation of  
experience,  
reflecting closely  
the organism's own  
evolutionary  
compromises. In  
parallel, pragmatic  
reasoning can be  
shown to play a

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pivotal role in the  
process of  
empirical science,  
through the  
selection of  
relevant facts, the  
abduction of likely  
hypotheses, and the  
construction of non-  
trivial explanations.  
In this volume,  
Professor Givon  
offers pragmatics

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as both an analytic  
method and a

strategic

intellectual

framework. He

points out its

relevance to our

understanding of

traditional

problems in

philosophy,

anthropology,

linguistics,

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cognitive  
psychology, neuro-  
biology, and  
evolution. Finally,  
the application of  
pragmatics to the  
study of the mind  
and behavior  
constitutes an  
implicit challenge  
to the current  
tenets of artificial  
intelligence.

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Mind, Code and  
Context

Digital

Watermarking and  
Steganography

Programming

Machine Learning

The syntax-semantic  
interface

Preferred

Argument

Structure

Measurement and



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Instrumentation  
Principles  
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*Se aborda el  
análisis de la  
relación e interd  
ependencia de  
los componentes  
sintáctico y  
semántico del  
lenguaje con el  
propósito de  
poner de*

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*manifiesto la  
necesidad de  
integrar ambos  
aspectos en el  
análisis y  
descripción de  
los fenómenos  
lingüísticos. La  
obra se  
compone de  
nueve trabajos:  
el primero de*

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*ellos es un  
estudio teórico  
sobre la  
naturaleza de la  
interfaz Sintaxis-  
Semántica  
mientras que en  
los ocho  
restantes se  
investiga dicha  
relación en los  
niveles*

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*oracional, léxico  
y textual.*

*These ready-to-  
use, brain-  
friendly  
strategies,  
standards-based  
activities,  
planning  
templates, and  
reproducibles  
help teachers*

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And Marking

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*boost literacy  
development  
and teach with  
the brain in  
mind.*

*The objective of  
this preliminary  
study was to  
identify simple  
methods to  
improve  
marking and*

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Systems And  
Solutions Global

*coding of  
soldiers to  
reduce the  
number of  
fratricide  
incidents among  
American and  
allied casualties.  
Previous studies  
showed that the  
use of powder  
phosphors had*

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Systems And  
Solutions Global

*the potential to meet some of these marking and coding requirements, especially in conditions of low light and poor visibility. The use of phosphors is widespread in*

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*modern  
technologies;  
they can be  
mass-produced  
and are widely  
available, and  
no expensive  
equipment or  
control is  
needed to lay  
down large  
uniform layers*



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*of material. The  
recent*

*availability of  
near-ultraviolet  
light emitting  
diodes in  
addition to  
infrared  
emitting  
systems has  
made the  
remote*

*excitation of phosphors a practical possibility. The authors investigated the development of photoluminescent phosphors that could convert specific energies to*

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Solutions Global

*specified  
infrared signals  
(e.g., visible to  
infrared,  
ultraviolet to  
infrared,  
infrared to  
infrared  
(Stokes), and  
infrared to  
visible (anti-  
Stokes). The*

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*authors were directed to using night vision sight (NVS) in the project. The use of NVS indicated that detection of a friendly signature would have to be*

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*observed in the  
infrared region  
to eliminate  
visible detection  
by the enemy.  
The suppression  
of visible  
emissions  
discounted the  
use of storage  
phosphors  
(infrared to*

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*visible) and anti-Stokes (infrared to visible). A long wave pass filter (LWPF) was used to eliminate the "bloom" of NVS by blocking optical and near-infrared wavelengths*

*below 900 nm.  
An assessment  
of possible  
phosphors  
showed that  
ZnCdS had the  
best infrared  
properties.  
Since enemy  
NVS devices  
could detect this  
phosphor's*

*emission peak  
at 750 nm, the  
Zn and Cd ratios  
were adjusted  
so that only 900  
nm wavelengths  
could be  
observed. To  
achieve this the  
ZnCdS  
phosphor was  
tested with*



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*various  
activators and  
co-activators,  
including  
copper,  
manganese,  
silver, gold,  
indium, and  
gallium. These  
test results are  
reported here.  
(2 tables, 3*

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*figur7.*

*Understanding*

*DC Circuits*

*Thomas Food*

*Industry*

*Register*

*A Compilation*

*Morphology and*

*Syntax in*

*Functional*

*Perspectives*

*The Code of*

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*Federal  
Regulations of  
the United  
States of  
America  
Enabling Digital  
Assets Security  
and Other  
Applications*

Research on the  
interplay between  
language structure

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and language use has shown that grammar is shaped, maintained, and modified by language use. In this view, then, grammar is not seen as existing apart from language use, but

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rather as a set of recurrent, grammaticized patterns of discourse. This book focuses on syntactic structuring in Finnish from the viewpoint of language use. The author sets out to

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study syntactic structures in their local contexts in order to discover the more global patterns and constraints on the use of these structures. The coding strategies point to the clause core as the locus

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of syntactic structuring: this is where syntactic relations emerge most clearly. It is shown that the key to understanding the coding of the core syntactic relations is the category of person. The

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clause core also shows strong intonational unity as it is most often presented in one intonation unit.

Furthermore, analysis of spoken discourse shows the robustness of the category of noun phrase, both



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as a clausal  
constituent and as  
a free syntactic  
unit, the free NP.

This book  
examines the  
question of  
whether languages  
can differ in  
grammatical  
complexity and, if  
so, how relative

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complexity differences might be measured. The volume differs from others devoted to the question of complexity in language in that the authors all approach the problem from the point of view of

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Systems And  
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formal grammatical  
theory,  
psycholinguistics,  
or neurolinguistics.

Chapters  
investigate a  
number of key  
issues in  
grammatical  
complexity, taking  
phonological,  
morphological,

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syntactic, and  
semantic

considerations into  
account. These  
include what is  
often called the  
'trade-off problem',  
namely whether  
complexity in one  
grammatical  
component is  
necessarily

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balanced by  
simplicity in  
another; and the  
question of  
interpretive  
complexity, that is,  
whether and how  
one might  
measure the  
difficulty for the  
hearer in assigning  
meaning to an

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Systems And  
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utterance and how  
such complexity  
might be factored  
in to an overall  
complexity  
assessment.

Measuring  
Grammatical  
Complexity brings  
together a number  
of distinguished  
scholars in the

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field, and will be of interest to linguists of all theoretical stripes from advanced undergraduate level upwards, particularly those working in the areas of morphosyntax, psycholinguistics,

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neurolinguistics,  
and cognitive  
linguistics.

This book  
proposes a  
framework for  
describing  
languages through  
the description of  
relationships  
among lexicon,  
morphology,



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syntax, and  
phonology. The  
framework is  
based on the  
notion of formal  
coding means; the  
principle of  
functional  
transparency; the  
notion of functional  
domains; and the  
notion of systems

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interaction in the coding of functional domains. The study is based on original analyses of cross-linguistic data. The fundamental finding of the study is that different languages may

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code different  
functional

domains, which  
must be  
discovered by  
analyzing the  
formal means  
available in each  
language. The first  
part of the book  
proposes a  
methodology for

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discovering  
functional domains  
and the second  
part describes the  
properties of  
various functional  
domains. The  
book presents new  
cross-linguistic  
analyses of  
theoretical issues  
including

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agreement;  
phenomena  
attributed to  
government;  
nominal  
classification;  
prerequisites for  
and implications of  
linear order  
coding; and  
defining  
characteristics of

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lexical categories.

The study also  
contributes new

analyses of  
specific problems

in individual  
languages.

Prepared for U. S.  
Dept. of

Transportation  
Laser Processing  
of Engineering

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Materials

Thomas Register  
of American  
Manufacturers and  
Thomas Register  
Catalog File  
Introducing the  
Framework, and  
Case Studies from  
Africa and Eurasia  
Selected  
Photographic

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Techniques  
Solutions Global  
A Practical Guide

to

Decontamination  
in Healthcare

This book constitutes  
the refereed  
proceedings of the  
Third International  
Conference on Fuzzy  
Systems and Knowledge  
Discovery, FSKD 2006,  
held in federation with



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the Second  
International  
Conference on Natural  
Computation ICNC  
2006. The book  
presents 115 revised  
full papers and 50  
revised short papers.  
Coverage includes  
neural computation,  
quantum computation,  
evolutionary  
computation, DNA  
computation, fuzzy

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computation, granular  
computation, artificial  
life, innovative  
applications to  
knowledge discovery,  
finance, operations  
research, and more.

You've decided to tackle  
machine learning -  
because you're job  
hunting, embarking on  
a new project, or just  
think self-driving cars  
are cool. But where to

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start? It's easy to be intimidated, even as a software developer. The good news is that it doesn't have to be that hard. Master machine learning by writing code one line at a time, from simple learning programs all the way to a true deep learning system. Tackle the hard topics by breaking them down so they're easier

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to understand, and build your confidence by getting your hands dirty. Peel away the obscurities of machine learning, starting from scratch and going all the way to deep learning. Machine learning can be intimidating, with its reliance on math and algorithms that most programmers don't

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encounter in their regular work. Take a hands-on approach, writing the Python code yourself, without any libraries to obscure what's really going on. Iterate on your design, and add layers of complexity as you go. Build an image recognition application from scratch with supervised learning.

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batching. Layer the  
neural networks,

eliminate overfitting,  
and add convolution to  
transform your neural  
network into a true  
deep learning system.

Start from the  
beginning and code  
your way to machine  
learning mastery. What  
You Need: The  
examples in this book  
are written in Python,

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Systems And  
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but don't worry if you  
don't know this

language: you'll pick  
up all the Python you  
need very quickly.

Apart from that, you'll  
only need your  
computer, and your  
code-adept brain.

Study and Analysis of  
Identification and  
Marking Systems for  
Intermodal

Containers Prepared for



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U. S. Dept. of Transport  
ation Feasibility Study  
for an All-white  
Pavement Marking  
System Transportation  
Research

Board Conference on  
Marking and Labelling  
Intermodal Containers,  
July 10, 1973.

[Proceedings Syntax in  
the Making The  
Emergence of Syntactic  
Units in Finnish

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Conversation John  
Benjamins Publishing  
Aviation Electronics  
Officer's Guide  
Digital Watermarking  
Buying guide  
Intermodal Container  
Emergencies  
The Emergence of  
Syntactic Units in  
Finnish Conversation  
ARO-ERO Phosphors  
for Marking, Coding  
and Information

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Earlier empirical studies on valency have looked at the phenomenon either in individual languages or a small range of languages, or have concerned themselves with only small subparts of valency (e.g. transitivity, ditransitive constructions),

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leaving a lacuna that  
the present volume  
aims to fill by  
considering a wide  
range of valency  
phenomena across 30  
languages from  
different parts of the  
world. The individual-  
language studies,  
each written by a  
specialist or group of  
specialists on that  
language and

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covering both valency patterns and valency alternations, are based on a questionnaire (reproduced in the volume) and an on-line freely accessible database, thus guaranteeing comparability of cross-linguistic results. In addition, introductory chapters provide the

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valency and argument structure, irrespective of theoretical persuasion, and will serve as a model for future descriptive studies of valency in individual languages. Preferred Argument Structure offers a profound insight into the relationship between language use and grammatical

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structure. In his original publication on Preferred Argument Structure, Du Bois (1987) demonstrated the power of this perspective by using it to explain the origins of ergativity and ergative marking systems. Since this work, the general applicability of Preferred Argument



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radically  
revised. In the  
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edition (1984)  
the author  
deliberately  
chose to de-  
emphasize the  
more formal  
aspects of  
syntactic***

***structure, in favor of a more comprehensive treatment of the semantic and pragmatic correlates of syntactic structure. With hindsight the author now finds the de-emphasis of the***

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***formal  
properties a  
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choice, since it  
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one could  
somehow be a  
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without being  
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structuralist. To  
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syntactic  
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such as  
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**and hierarchy  
(phrase**

**structure),  
grammatical  
relations and  
relational  
control, clause  
union,  
finiteness and  
governed  
constructions.  
At the same  
time, the**

***cognitive and  
communicative  
underpinning of  
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underscored,  
and the  
interplay  
between  
grammar,  
cognition and***

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***neurology is outlined. Also the relevant typological database is expanded, now exploring in greater precision the bounds of syntactic diversity. Lastly, Syntax***

*treats synchronic-typological diversity more explicitly as the dynamic by-product of diachronic development or grammaticalization. In so doing a parallel is drawn between linguistic*



***diversity and  
diachrony on  
the one hand  
and biological  
diversity and  
evolution on  
the other. It is  
then suggested  
that □ as in  
biology □  
synchronic  
universals of  
grammar are***

***exercised and  
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products of  
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grammaticalizat  
ion.***

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