



NooJ 2020



University of
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Virtual Conference

*New global cloud solutions and nooj's woven digital intelligences for homologated synthetic
fixed communication DH*

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Abstract

Smart mobility influences life of our cities with new technological solutions. An economy driven by an immense amount of data that allows us to do new business. It opens a new cultural horizon and a new education in which knowledge merges and osmotically generates new knowledge.

We explore teaching strategies and excellent skills, which can meet the needs of higher education, such as the latest generation of technologies used in business, social and personal life, as well as in institutions and colleges of higher education. Knowledge is reformulated and disciplines acquire new connotations specialized in scientific fields such as scientific and distributed informatics, and computational linguistics. The new communication belongs to the NLG languages and, therefore, the transmission is done through synthetic, standardized and non-compositional and area-based techniques. It is no longer a prescriptive, inaccurate and abstract grammar, but precise rules for the description of the codes, which, by calculation, includes categories with sentences (minimum semantic element) and then entrusts the software with the resolution in the linguistic environment.

The research questions that the team asks and describes are the following: what strategies and what reference models should the virtual communicator implement? To provide answers and validations, the team uses reference systems to arrive at scientifically valid answers, such as:

- 1) Ahmida Bendjoudit's (2020) model to identify the new production parameters of fixed structures in first and second level experimental language equations.
- 2) Max Silberstein's (2015) NooJ system, for the production of analysis and paraphrases of sentences and tools to develop formal dictionaries and grammar and NLP applications such as Automatic semantics annotators, paraphrase generation.
- 3) Wolfram Technologies (2020) functionalities for information management, processing and consultation, integrated functions for advanced statistical analysis - methodologies for acquiring image information of the parts produced - with image processing and Metrics techniques for images - The implementation of advanced integrated Machine Learning algorithms for the creation of knowledge from the data obtained.
- 4) BuViTeMS (©2020) Digital Intelligence A.W. model for the production of analysis of fixed sentences and production in high-calculation environments for the production of textual paraphrases.

Review 1	
Overall evaluation:	3: (strong accept) accept

Review 2	
Overall evaluation:	2: (accept) accept

Query

The research question is which scientifically valid reference models should a virtual communicator have ?

DIGITAL AND PUBLIC HUMANITIES
LITERARY AND LINGUISTIC COMPUTING
RESEARCH HYPOTHESIS

A Syntactic Analysis of Cognate Accusative in Arabic
PHONO-MORPHO-SYNTACTIC ANALYSIS AN ELEMENTARY CALCULATION

TECNICHE NOOJ lexicon-grammar

Analysis of the traits of the evocative text: Dante Alighieri divine comedy -> terza from canto xxxiii of "Paradiso" (paradise) and from canto vi of "Inferno" (hell)

Handling of transformations and replacements The positionality of the verbal operator who dislocates to give way to the pronoun

Phonological repetition technique: Lenci software that gives the vSurveys : linguistice a high evocative degree

Phonic analysis (D. Silvestri) of the recognizable intratextual links in the Dantesque triplets that constitute chained and isobaric minimal micro textual links, tonic, and atonal syllabic sites, long and short syllabic, etc. and according to the canons of metric predictability, but also according to unpredictable textual processes within a poetic sequentiality.



Mind - NOOJ

Again, if we transfer the hypothesis into the Arab language...

➤ $N_2 \ V \ N_1$ جو يحب ليا

➤ "جورجيو يحب لوسيا"

➤ where:

➤ Giorgio = جورجيو,

loves = يحب,

Lucia = لوسيا

: : : : :

 -----> <-----
 qu L N pL N L N s r n
 + * + *

Trivïa ride tra le ninfe etterne
 I I/A|I E| A |E I| E E E
 . . : : :

--> <---
 TR v r d TR l N Nf TT Rn
 -- * * ---

che dipingon lo ciel per tutti i seni
 E I I O O E E ù I E I
 . . ^ ^ : :

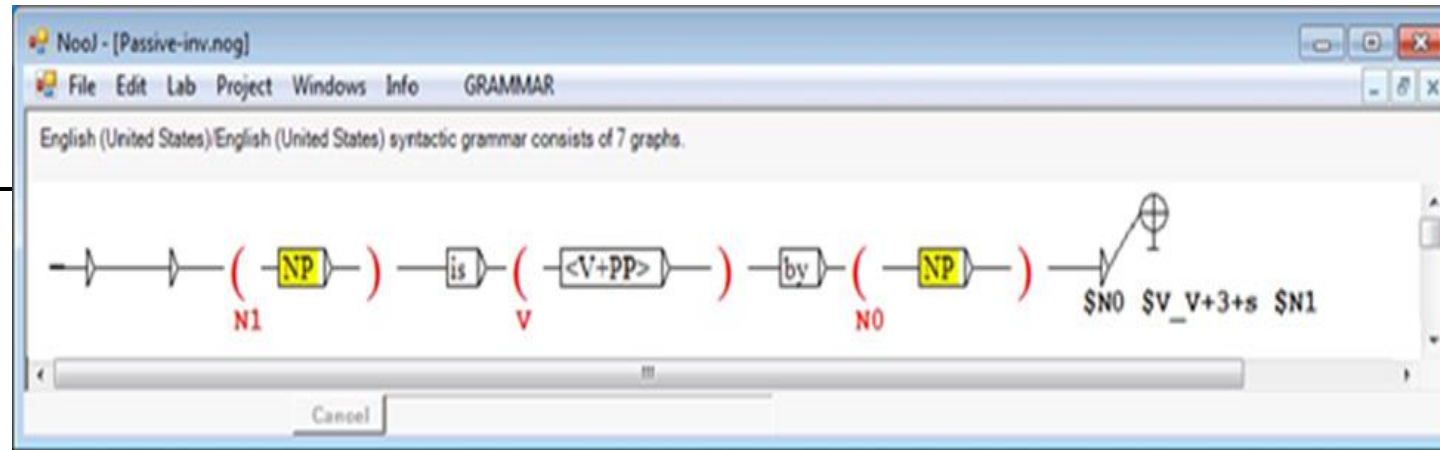
-----> <-----
 ch d p ng n l ci L p r T TT s n
 . . .

COMMENTO:

Nel primo verso il fenomeno di sequenzialità vocalica più vistoso (sette sedi su undici) è l'iterazione (.EEE..IEE.) di vocali omotipiche dal punto di vista del luogo diaframmatico. Le medesime vocali sono poi ampiamente coinvolte in un parallelismo ugualmente pervasivo (.EEEl...EEI) ed in una specularità ancora più forte (.EEEl.IEE.), realizzando in tal modo un fenomeno di dominanza

ANALISI
 PHONOLOGICA
 L - PHONETICS :
 TECHNIQUES
 OF D.Silvestri
 Model for an
 elementary
 calculation

NOOJ MODEL: THE STORY OF A PROCESS



[Pron-0] *Joe loves Lea = He loves Lea*

[Pron-1] *Joe loves Lea = Joe loves her*

[Pron-2] *Joe gives an apple to Lea = Joe gives her an apple*

[Preterit] *Joe loves Lea = Joe loved Lea*

[Impfct] *Joe loves Lea = Joe has loved Lea*

[Futur] *Joe loves Lea = Joe will love Lea*

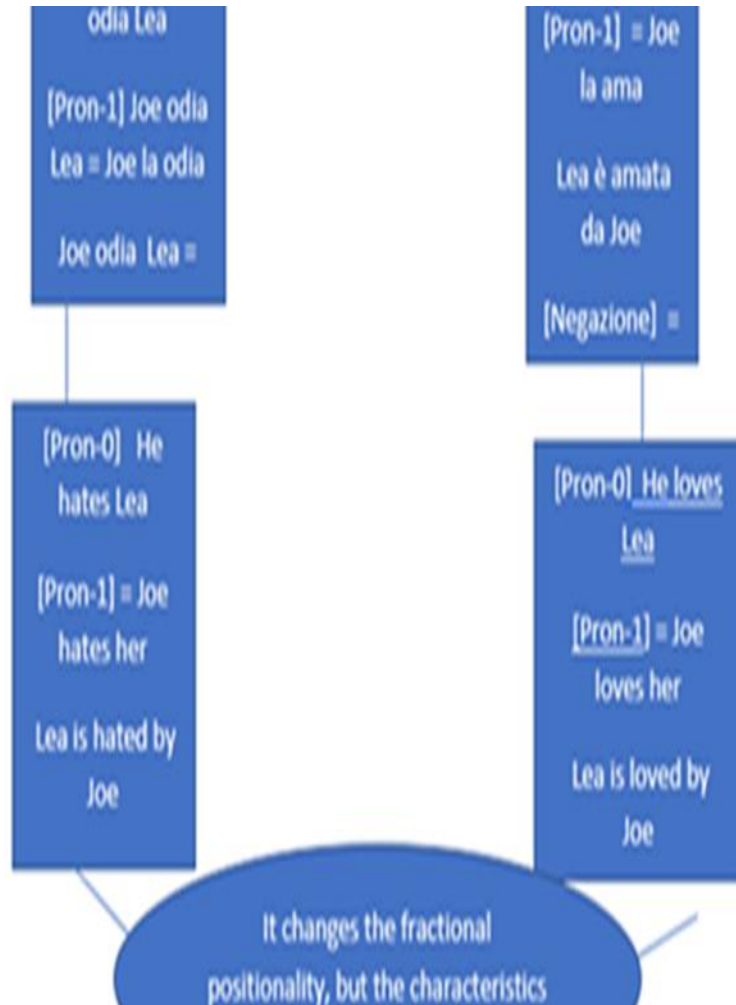
[Cond] *Joe loves Lea = Joe should love Lea*

[Passive] *Joe loves Lea = Lea is loved by Joe*

[Negation] *Joe loves Lea = Joe does not love Lea*

- Descriptive probabilistic calculation of NOOJ dictionaries
- Reduction of verbs into categories : To Love – To Hate – To Desire.
- DETECTION OF HOMOMORPHISM OF SENTENCES

SCIENTIFIC VALIDATION QUANTUM HOMOMORPHISM



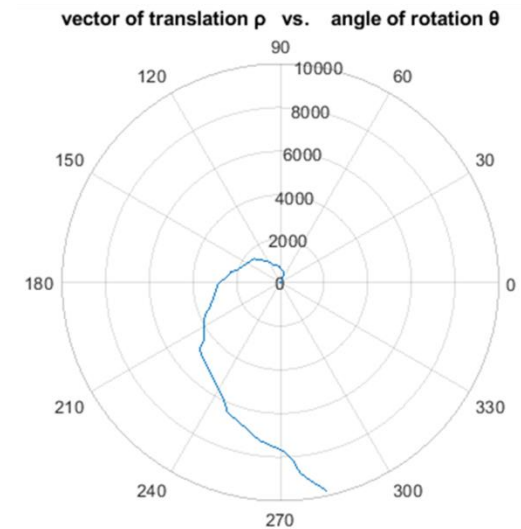
$O_1 = \text{Love} = \text{Joe loves Lea} = N_0 V N_1$

$O_{2=} \text{Hate} = \text{Joe hates Lea} = N_0 V N_1$

LANGUAGE ENVIRONMENT : PREDICTION PROJECT OF TEXTUAL MODELS

Linguistic corpora, discourse analysis, literature studies, second language teaching, analysis of narrative content and elaboration of the Corpus for the social sciences are the pre-constituents of the foresight texts of the Comedy . In fact, since the three cantiche (" Hell, Purgatory and Paradise") consist of an equal number of " canti " ($33 \times 3 = 99$), in them one can recognize the endothetical articulations in the sequentiality of a textual macro articulation.

From experimental linguistic equation we find a system of coordinates (describing the distribution of letters in texts) similar to Newton's gravity coordinates system. A. Bendjoudin

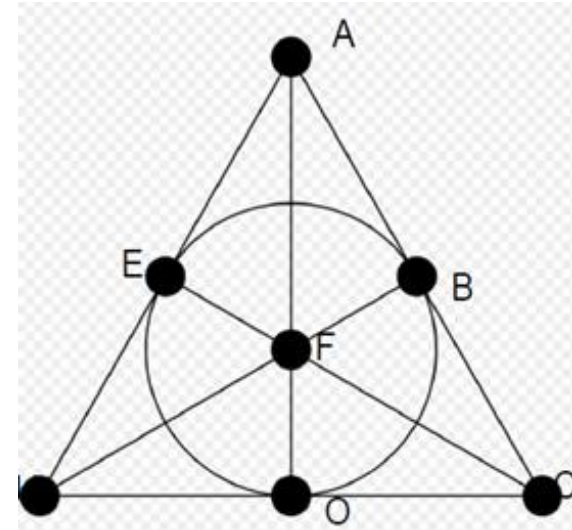


A complex calculation NooJ

- Niels Bohr What is it that we humans depend on? We depend on our words... Our task is to communicate experience and ideas to others. We must strive continually to extend the scope of our description, but in such a way that our messages do not thereby lose their objective or unambiguous character. We are suspended in language in such a way that we cannot say what is up and what is down. The word "reality" is also a word, a word which we must learn to use correctly. (Philosophy of Science Vol. 37 (1934), p. 157). In M. Planat

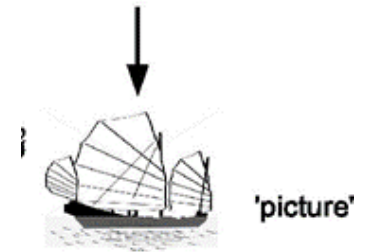
phrase. En physique quantique, les points sont des opérateurs et les points d'une ligne commutent mutuellement. Ainsi pour la ligne (a,b,c) , on a $[a,b]=[a,c]=[b,c]$ ou $[.,.]$ est la commutation (de groupe) des opérateurs (les points a,b ou c) et $[a,b]=b^{(-1)}*a^{(-1)}*b*a$, $a^{(-1)}$ est l'inverse de a .

Une ligne est un contexte.



$G=\langle a,b,\dots | \text{boat} \rangle$ 'word'

$\downarrow f$
 P_H 船 'sign'





output acronym :]XXXIII>

The musicality of the verse is given by a wonderful alchemy of sounds that Dante was able to reproduce in the deictic manipulation of a rise of the clitic and by the verbal value of the operators

556	]wpntw>	Chi non dà valore al centesimo, non m	Wer den Pfennig nicht ehrt, ist den ta	Who don
557	]lis>	Lingua italiana dei segni	Italienische Gebärdensprache	Italian si
558	]DFB>	Dattilologia Fonetica Bimanuale	Bimanuelle Fingeralphabet Phonetik	Bimanua
559	]RAI>	Telegiornale con sottotitolazione	Nachrichten mit Untertiteln	News wit
560	]LFSB>	Corpus LFSB Le puzzle		
561]			
564	]DGS>	Il progetto DGS-Korpus è un progetto d	Der DGS-Korpus-Projekt ist ein langfri	The DGS-
566	]AR>	algoritmo ricorsivo, un procedimento r		
567	]TNC>	La tecnica ricorsiva permette di scriver		
568	]OB>	è dunque di riscrivere funzioni , insien		
569	]FS1>	costruire una nuova funzione utilizzan		
570	]FS2>	dividere la funzione in condizione inizi		
571	]FS3>	capire come la funzione si comporta co		
572	]Karen>	Alex. Bob e Spilz sono amici e si amanc	Alex. Bob und Spilz sind Freunde und	Alex. Bot
573	]vask>	Vai a Scuola?	Gehst du zur Schule?	anted to
574	]Karen3>	Come ci siamo accordati, ti scrivo per il		Like we a
575	]Karen 1>	Salve! Mi chiamo DR. Karen Alkoby. Il	Hallo ! Mein Name ist DR. Karen Alkol	Hello ! N
576				
577				
578	]AW>	Intelligenza digitale A W	Digitale Intelligenz: AW	Digital in
579				

DIGITAL INTELLIGENCE

Conclusions

BETWEEN UTOPIA AND REALITY

The research continues.....

...e' tanto grande e tanto vali,
...vuol grazia e a te non ricorre
...vuol volar sanz'ali. La tua benignità non pur soccorre
...da, ma molte fiate
...al dimandar precorre. In te misericordia, in te pietate,
...enza, in te s'aduna
...creatura è di bontate.

30822.mn4 (Rina d

...o great, and so prevailing,
...wishes grace, nor runs to thee,
...ons without wings would fly.
...y benignity gives succour
...no asketh it, but oftentimes
...neth of its own accord the asking.
...compassion is, in thee is pity,
...ee magnificence; in thee unites
...ate'er of goodness is in any creature.

