

## The Metamorphosis Formula

Grammar, as a complex system of rules and structures, regulates how words are combined to form coherent sentences and texts. With the advancement of technology and the proliferation of the internet, grammar has undergone significant transformations, influencing both communication methods and thinking processes.

A relevant example is the simplification of grammar in the context of communication through short texts, instant messages, and social media platforms. These mediums have imposed a form of communication that is more concise and rapid, thereby generating the emergence of new rules. For instance, the use of emojis and abbreviations has become a common practice, integrating into contemporary digital language.

As far as possible, through the application of the concept of algorithmic grammar, which involves identifying and using complex mathematical formulas and specific notations, I have tried to elucidate the subtle mechanisms by which languages metamorphose, adapting to the needs of human communication. I have described grammatical transformations from both the structural perspective and the significance of letters, words, sentences, and entire phrases. This process has led to the formulation of a theory regarding the process of metamorphosis: => The Metamorphosis Formula.

### C/c{[(R)]}

In the chapter titled "The Transformation Process," the word (C/c) is considered a fundamental unit of language, subjected to thorough analysis. This analysis focuses on identifying the roots (R) and determining their chromatic position in relation to the addition of **prefixes – [+(Rn)] –, infixes – [(+Rn)] –, and suffixes – [(Rn)+]**. The chromatic identification of the position is interpreted in the sense that each symbol "+" represents information or a characteristic, thus generating an accumulation of information and characteristics.

The analysis also includes changes in word order, passive-active transformations, and other processes that support the identification of information and grammatical rules. Within this analysis, the types of grammatical elements are identified both at the semantic level (from a letter or a group of letters) and at the level of meaning, including articles, prepositions, and conjunctions.

By studying the interaction and transformation of these elements within the language, comparison formulas are developed, leading to the creation of formulas and a table of grammatical elements. Grammatical information is represented in the form of fractions, thus highlighting the possibility of applying this model in grammar and synthesizing information in a more concise manner. This approach has generated the need to abbreviate the names of grammatical information, which sometimes overlap with those from other languages, as well as the use of colors to reflect this information.

In the section titled "Grammatical Surgery," the main objective is to highlight the specific information associated with grammatical elements. This research involved a synthesis of the identified transformation processes, correlated with the corresponding formulas, and a detailed analysis of their role in the structure of sentences. Additionally, I investigated the interrelationships between these elements, explaining how they correlate and justifying their specific definitions.

As a result of observations that all languages have a common characteristic structure regulated by universal grammatical rules, I proceeded to adapt these principles into the reference language, ensuring that similar characteristics do not overlap and that they do not contradict the existing elements. Additionally, I found that each definition contains a distinct concept and that each piece of information expresses a specific connection between grammatical elements. Furthermore, observing that each reference imposes a unique graphic visual structure, I developed the geometric architecture of grammar. This method facilitates an organized and clear representation of the relationships between grammatical elements, highlighting their complexity and diversity. It is an approach that helps to broaden the general concept of geometry, focused on shape and position, expressed through mathematics, and that can also be found in the field of grammar.

I selected the Greek language (el) as the predominant reference model in the examples of identification and application, due to the semantic positioning of words, which facilitated the construction of interconnections between grammatical elements and their individualized definitions. Additionally, the identification and positioning of common information in relation to other grammatical elements significantly contributed to achieving a coherent visual representation, thus allowing for the borrowing of characteristics from other languages and highlighting their logic in the context of existence and application.

I opted for the English language (eng) as it reflects the specificities of other languages characterized by the absence of grammatical endings. Its structure is based on the use of prepositions and word order to express grammatical relationships. The impact it has on the topic and specific syntactic structure in sentences, as well as on the individual formulation of algorithms, is considerable compared to other languages that rely on endings in an essential way.

The Romanian language (rum) was chosen due to its richness in the algorithmic formation of words. This aspect is highlighted by the characteristics of grammatical elements in relation to the three predominant modes of expressing information: prefixes, infixes, and suffixes. These inflectional modes allow for the modification of the meaning, function, and grammatical value of words. Additionally, the Romanian language is positioned at an intermediate level regarding word order, providing increased freedom in expressing grammatical relationships through the use of affixes.

In this research, other languages were also included, which contributed to the discovery of new specific algorithmic methods. Additionally, many languages have their own processes for forming sentences, each having distinct formulas and even specific algorithms that await exploration and analysis. This work can serve as a reference model for comparing languages, with the ability to rigorously maintain the particularities and specific differences of each language. Such an endeavor could provide an engaging perspective on how certain concepts or expressions are treated in different linguistic contexts, highlighting the richness and complexity of human expressiveness.

Grammatical metamorphosis constitutes a complex synthesis between grammatical theory and algorithmic theory, having a profound impact on the future and evolution of language, communication, and the interconnection of various fields of activity. This approach refers to the adaptation of letters and information in a flexible manner, both from a semantic and a physical perspective. The methods associated with metamorphosis can be implemented in the educational field to facilitate a rigorous understanding of the structure and evolution of language, within a formal and mathematical framework, thus contributing to the development of logical thinking necessary for identifying trends and formulating conclusions in various scientific domains.

The algorithm presented in the context of semantic transformations shapes words, having significant effects on their meaning. This application can be extended to natural language processing, allowing for a deeper understanding of how the meaning of words changes depending on different contexts. In the field of mathematics, algorithms are used to solve complex problems, such as the division algorithm. Mathematical formulas can be exploited to develop advanced grammar correction software capable of identifying and correcting subtle errors in text. Another mathematical approach to grammar is found in computational linguistics, contributing to the improvement of translations and automatically generated texts, as well as in any field that relies on transformation.

Artificial intelligence (AI), although based on algorithms, proves to be extremely effective in solving puzzles by breaking down problems into smaller parts, thus facilitating their understanding. However, it cannot achieve complete accuracy. AI uses learned rules and instructions to address each component and brings these parts together to find the solution to the initial problem. The lack of contextual understanding can generate confusion in interpreting the meaning of words. It is similar to memorizing a poem without understanding the author's message; although it may mix the pieces of a puzzle, it fails to create a new picture, even if it might be incorrect. Thus, if it were to act in this way, we might consider that it has certain "deficiencies." Creativity and the ability to form new words are fundamental traits of the Greek language, recognized since antiquity, which have profoundly influenced the evolution of literature and the exact sciences.

In a world that is in constant transformation, the adaptation of grammar becomes not only inevitable but also essential for remaining relevant in the communication of ideas. This evolution facilitates the effective expression of our thoughts. Looking towards the future, we anticipate a constant adaptation of grammatical rules to new technologies and the demands of human communication, a captivating process of transforming words, coordinated by algorithms and informational architectures that encourage creative and efficient communication.

**The Metamorphosis Formula / Formula Metamorfozei / Η Φόρμουλα της Μεταμόρφωσης**

## 1) The processes of transformation / Procesele de transformare / Οι διαδικασίες μετασχηματισμού

**C/c** → ~|^?/?{~/+^?/?[±/+/-~?(~>|</±/+/-?)?R=+/-0?/?+/>|</~)?~/-+/±/~=]?)?/?/~}

<ul style="list-style-type: none"> <li>- algorithm of the colors of grammatical information</li> <li>- algoritmul culorilor informațiilor gramaticale</li> <li>- αλγόριθμος των χρωμάτων των γραμματικών πληροφοριών</li> </ul>	$\sim[\neg,\pm,+,\pm/\sim,(\neg,\pm,+,\pm/\sim,R)\sim,\sim,+,\pm,\sim]\sim$ $[\pm,\pm,\pm/\sim,\sim(\sim,\pm,\pm,\pm/\sim,\sim>R\sim C)\sim,\sim,+,\pm,\sim]\sim$ $[\pm,\pm,\pm/\sim,(\pm,\pm,\pm/\sim,/R)\sim,\sim,+,\pm]$	$[\pm,\pm,\pm/\sim,(\pm,\pm,\pm/\sim,/R_0)\sim,\sim,+,\pm]$
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2'	<b>A</b> C/c({{(R)}})      C/c({{R}}))  <b>B</b> ( a [ ] n ) c+(+R0)+ [ ] c((R0)) - information transfer - transfer informational - μεταφορά πληροφορών	- the indication of the transformation process / indicarea procesului de transformare / ένδειξη της διαδικασίας μετασχηματισμού  <b>A'</b> c(a) [ ] c(b) - by semantic addition      => loss of information - prin adăugare semantică      => pierdere de informație - με σημασιολογική προσθήκη => απώλεια πληροφοριών	<b>B'</b> c(a) [ ] c(b) - by semantic elimination      => information transfer - prin eliminare semantică      => transferarea informațiilor - με σημασιολογική εξλείψη => μεταφορά πληροφορών
C	<b>C</b> N [ ] N  - informational substitution / substituirea informațională / η ενημερωτική υποκατάσταση		

A) [ + ( + R ) + ] - adding grammatical elements / adăugare elemente gramaticale / προσθέτοντας γραμματικά στοιχεία

**ANSWER** The answer is **10**.

4') ><	- incorporation / adattare / integrare / componentes - introducere / identificare semantică a componentelor - εισαγωγή / σημασιολογική αναγνώριση συστατικών	semantic incorporation / introducere semantică / η σημασιολογική εισαγωγή
b) <>		- semantic identification / identificare semantică / η σημασιολογική ταύτιση
B) < $\square$ > $\square$ >	- decomposition / descompunere / αποσύνθεση	

**5'**) C/c(~~R~~ / ~~R~~ / ~~R~~)~~/R~~ - semantic replacement / înlocuire semantică / σηματιολογική αντικατάσταση

<b>6'</b>	<b>C/c([ ( R ))</b>   C/c([ ( R ))	<b>A)</b> c([ ( R ))   C([ ( R ))	<b>B)</b> C/c([ ( R ))   C([ ( R ))	<b>C)</b> c([ ( R ))   C([ ( R ))
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A1	- the merging of formulas / comasarea formulelor / η συγχώνευση των φόρμουλων		
B1	C/c[[{(R)}]] >> C/c[[{(R)}]] - fusion of meaning and formulas - fuziune de înțeles, si formule	a) $\Sigma c/C \gg \Sigma c/C = \Sigma(e)C/(R)$	b) $\Sigma c/C \gg \Sigma c/C = \Sigma(e)«C/(R)»\text{no}$

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9')	<p>A) C/c[<b>R</b>(R)] - semantic metathesis / metateză semantică / σημασιολογική μετάθεση .</p> <p>B) c[R(R)] - syntactic switching / comutare semantică / συντακτική εναλλαγή .</p> <p>C) <b>FS = C/c[({±/-}({-/-Σ/S/-}±)~-{±})]</b> η</p>	<p>- the inflection of the main sentence composed of n grammatical elements and n syntactic functions</p> <p>- flexibilitatea propozitiilor principale compusă din n elemente gramaticale și n funcții sintactice</p> <p>- η κλοση της κύριας πρότασης που αποτελείται από η γραμματικά στοιχεία και N συντακτικές συναρτήσεις</p>
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**C [I+ (R)+] - semantic flexibility ( declension / conjugation ) / flexibilitate semantică ( declinare / coniugare ) / σημασιολογική ευελιξίδιος ( κλίση / σύζευξη )**

11)	<p><u><math>(Rn/n/n/n/n/n,...) = (Rn/n/n/n/n/n/n,...)</math></u>  <math>(n[n] = n)n</math></p> <ul style="list-style-type: none"> <li>- semantic-informational comparison /</li> <li>- comparație semantică – informațională</li> <li>- σημασιολογική σύγκριση-πληροφοριακή</li> </ul>	<p><b>A)</b></p> <ul style="list-style-type: none"> <li>- change of grammatical value</li> <li>- schimbarea valorii gramaticale</li> <li>- αλλαγή γραμματικής οξίας</li> </ul>	<p><b>B)</b></p> <ul style="list-style-type: none"> <li>- grammatical sense</li> <li>- sensul gramatical</li> <li>- γραμματική έννοια</li> </ul>
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	<b>A)</b> $\Sigma C/c = (n)$ - expression of meaning - exprimarea sensului - έκφραση νοήματος	<b>a) <math>\Sigma C/c = (si)</math></b> - the expression of inner meaning - exprimarea sensului interior - η έκφραση του εσωτερικού νοήματος	<b>b) <math>\Sigma C/c = (se)</math></b> - the expression of the external meaning - exprimarea sensului exterior - η έκφραση του εξωτερικού νοήματος	
<b>12'</b>	<b>B) / B1)</b>  = types of informational expression = tipuri de exprimare informațională = είδη ενημερωτικής έκφρασης	<b>a)</b> $C/c \{[(R)]\} \text{ dimis } C/c \{[(R)]\}$  - informational semantic dilation - dilatare semantică informațională - πληροφοριακή σημασιολογική διάταση	<b>b)</b> $C/c \{[(R)]\} > \text{seni } C/c \{[(R)]\}$  - informational semantic contraction - contracție semantică informațională - πληροφοριακή σημασιολογική συστολή	<b>c)</b> $C/c \{[(R)]\} > \text{eni } C/c \{[(R)]\}$  - semantic informational equality - egalitate semantică informațională - σημασιολογική πληροφοριακή ισότητα

<p>- the process of transformation through <b>national - international</b> connections</p> <p>- procesul de transformare prin conectare <b>national - international</b></p> <p>- η διαδικασία του μετασχηματισμού μέσω <b>εθνικής - διεθνούς</b> σύνδεσης</p>	<p><b>A) [ ( Rx ) ]n</b>            - the grammatical element has its origin in the respective expressed language = <b>national grammatical element</b>            - elemental grammatical își are originea în limba respectivă exprimat = <b>element grammatical national</b>            - το γραμματικό στοιχείο έχει την προέλευση του στην αντίστοιχη εκφρασμένη γλώσσα = <b>εθνικό γραμματικό στοιχείο</b></p> <p><b>B) [ ( Rx ) ]l</b>            - the grammatical element has its international origin = <b>international grammatical element</b>            - elemental grammatical își are origine internațională = <b>element grammatical international</b>            - το γραμματικό στοιχείο έχει τη διεθνή την προέλευση = <b>διεθνές γραμματικό στοιχείο</b></p>
<p><b>C) / A)'</b>  <math>R = \{(n(x+x+...))\} = 1Cn</math></p>	<p><b>C) / B)'</b>  <math>Rx = \{(n(x+x+...))\} = nCn</math>            - the components of words / componentele cuvintelor / τα συστατικά των λέξεων</p>

**1.49**  $\frac{a^2 + b^2}{a^2 - b^2} \cdot \frac{a^2 - b^2}{a^2 + b^2} = \frac{a^2}{a^2} = 1$  este formula de calcul.

**15')** (N/n) Σ (N/n) Σ ...  
Σε''(n/n<=>)Σ  
- grammatical agreement / disagreement  
- acord / dezacord gramatical  
- γραμματική συμφωνία / διαφωνία

**16)** C([-R/+R]) - the total change of a grammatical element / schimbarea totală a unui element gramatical / η συνολική αλλαγή ενός γραμματικού στοιχείου

## 2) The formulas of grammatical elements / Formulele elementelor gramaticale / Οι τύποι των γραμματικών στοιχείων

C/c 'I' { 'I' + ( - 'I' | R+/-'I' ) + } ]

a)

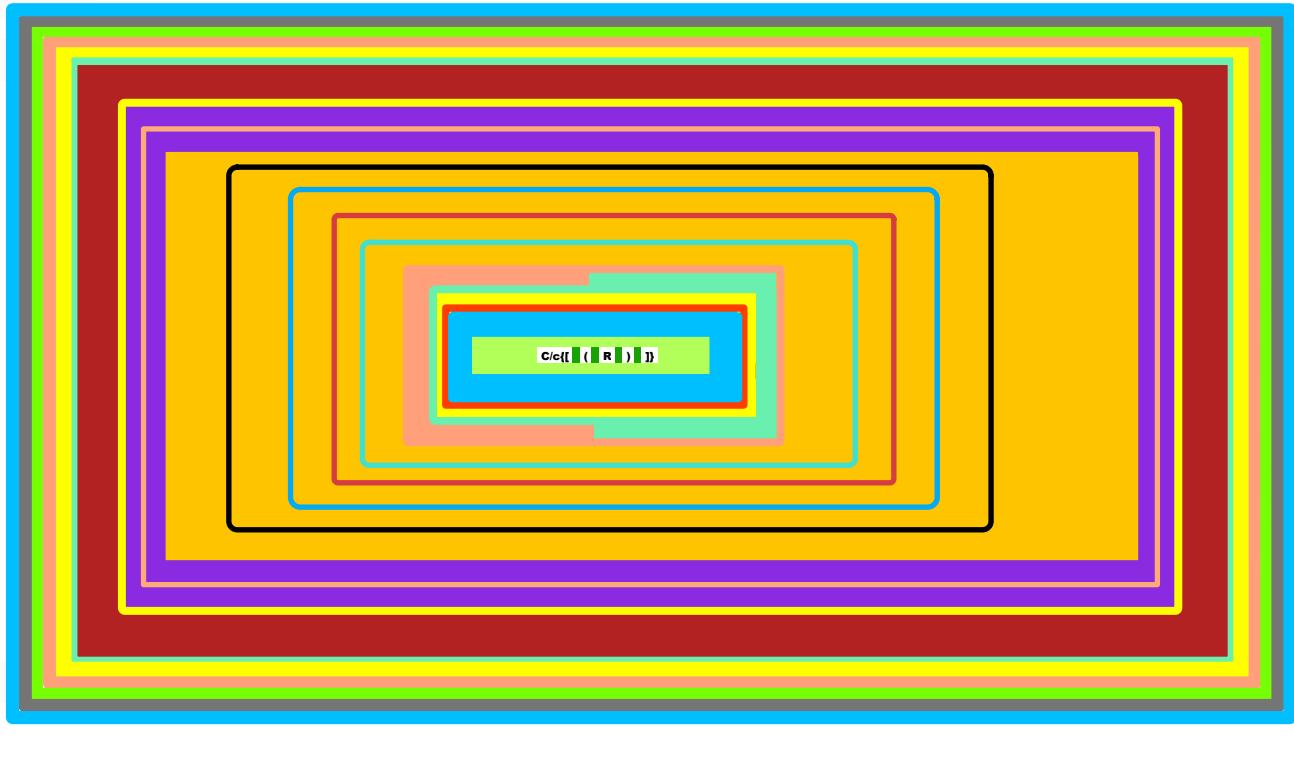
1)	c{[(R)]}	<b>a')</b> c[+(+R/+0'')] + / c[+( +R/+0'')] + ] - semantic dependencies (cdd) - dependent semantic (cdd) - εξαρτώμενοι σημασιολογικά (cdd)	<b>1)</b> c[+(+R+)+] = letters / litere / γράμματα / <b>2)</b> - affix / prefix / πρόθεμα - afix / αφίξεων <b>3)</b> suffix - ending / sufix – terminație / επιθέμα = κατάληξη	c[(R0)] / c[(R+)] = syllables / silabe / συλλογές c[(+R0)] c[(R0+)]	C[(R0)] = root / rădăcină / ριζα
		<b>b')</b> cn[n n(nRn)n]n c'/'R'[+'I' R/0/+ 'I']/Y'	- definite articles / indefinite articles / possessive articles / verb auxiliaries (derived or not from grammatical elements of base )  - articlele hotărâte / nehotărâte / possessive , auxiliare verb ( provenite sau nu din elemente gramaticale de bază )  - semantically independent c(dj) = proclitic / enclitic  - independente semantic c(dj) = proclitic / enclitic  - σημασιολογικά ανεξάρτητο c(dj) = προκλητικός / ενλκτικός	- from several letters ( contain information or not grammar )  - din mai multe litere ( contin sau nu informații gramaticale )  - ανιχνεύσιμα χαρακτηριστικά / pița - από πολλά γράμματα ( περίει πληροφορίες ή όχι γραμματική )	<b>1)</b> proclitic definite article articol hotărât proclitic προκλητικό οριστικό όρθρο c[(R0+)]  <b>2)</b> proclitic indefinite article articol nehotărât proclitic προκλητικό οριστικό όρθρο c[('I'R0+)]  <b>3)</b> auxiliaries of verbs auxiliarele verborū βοηθητικά ρημάτων c[('R0+)] c[(+'R0+)] c[(R0+)]
				4) c[(R0)] : punctuation marks / σημεία σηματικής 5) c[(R0)] : the prepositions / πρεποζίτια / οι προθέσεις 6) c'[(R0)] : conjunctions / συνδεσμοί / σύνδεσμοι	
		<b>2)</b> C[(R)] - basic = semantically independent and comprehensible ( they are grammatical elements that they understand by itself that expresses a meaning full or partial interior / exterior )  - de bază = independent semantic si de înțelese , ( sunt elemente gramaticale ce au înțelese de sine statutor ce exprimă un sens interior / exterior complet sau parțial )  - βασικά = σημασιολογικά ανεξάρτητο και κατανοητό, ( είναι γραμματικά στοιχεία που καταλαβαν από μόνο του περιέχει ένα νόημα πλήρες ή μερικό εσωτερικό / εξωτερικό	<b>a')</b> C[+(+R/+0'')] + - from several letters - din mai multe litere - από πολλά γράμματα	<b>1)</b> prefix / prefix / πρόθεμα / C[(R)] <b>2)</b> infix / infix / ένθεμα / C[(R)]  <b>a')</b> ending / terminație / κατάληξη / C[(R+)]  <b>b')</b> suffix επιθέμα + enclytic article + articol hotărât - enclitic / + οριστικό όρθρο C[(R')+] + enclitic - definite article / articol hotărât - enclitic / ενλκτικό - οριστικό όρθρο C[(R')]+	
				3) - semantically undetectable - nedetectabil semantic - σημασιολογικά μη ανιχνεύσιμος	<b>4)</b> - rootless / fără rădăcină / άρριζος C[(R')+] <b>5)</b> - without features / fără caracteristici / χωρίς χαρακτηριστικά C[(R0+)]
		<b>3)</b> - semi-independent grammatical elements - elemente gramaticale semiindependente - ημι-ανεξάρτητα γραμματικά στοιχεία C/c[+(+ R-0'')] +	- prefixoid C/c[+(R-0'')] + - infixoid C/c[+(R-0'')] + - suffixoid C/c[(R-0'')] +	- prefixoid C/c[(R-0'')] + - infixoid C/c[+(R-0'')] + - suffixoid C/c[(R-0'')] +	- προθεματικό C/c[(R-0'')] + - ενθεματικό C/c[+(R-0'')] + - επιθηματικό C/c[(R-0'')] +

b)

A) C/c(R) ⊗ C/c(R)] - fusion of form and meaning between two or more grammatical elements semantically independent - fuziunea de formulă și înțelese între două sau mai multe elemente gramaticale independent semantic - συγχώνευση τόπου και νοήματος μεταξύ δύο ή περισσότερων γραμματικών στοιχείων ανεξάρτητων σημασιολογικά	<b>1)</b> c[(+'R0)] ⊗ C[(R)+] ⊗ C[('I'R)+]
	<b>2)</b> c[('I'R0)+] ⊗ C[(R)+] ⊗ C[('I'R)+]
	<b>3)</b> c[(R0)+] ⊗ C[(R)+] ⊗ C[+'(R)+]
	<b>4)</b> c[(R0)] ⊗ C[(R)+] ⊗ C[('I'(R)+)]
	<b>5)</b> C[(R0+)] ⊗ ((R0))'c ⊗ C[((R0))'c]
	<b>6)</b> <b>a')</b> ο (τη>) ο determiner / determinant / προσδιορισμός (τη>) determined / determinat / προσδιοριζόμενος <b>b')</b> ο (τη<) ο determined / determinant / προσδιοριζόμενος (τη<) determiner / determinant / προσδιορισμός
	<b>7)</b> Σε'Ι'= only - phrasal phrase / - sintagma frazala / - φράση πράση <b>8)</b> (av - active voice) / (va - voce activa) / (ev - ενεργητική φωνή) <b>9)</b> (ad - active diathesis) / (da - datează activă) / (ετ - ενεργητική σύνταξη) <b>10)</b> (iv - intransitive verb) / (vi - verb intransitiv) / (αβ - αμεράβατα ρήμα ) <b>11)</b> (tv - transitive verb) / (vt - verb tranzitiv) / (μβ - μεταβατικά ρήμα )
	<b>12)</b> C/c[ʒ-(ʒ-Ι/Σ-ʒ-ʒ)] FS = flexione sintactice / IF = inflection of syntactic functions / ΕΙ = έγκλιση συντακτικών συναρτήσεων <b>13)</b> <b>a')</b> - coordination - corundonare - συντονισμός = = <b>b')</b> - subordination - subordonare - υποταγή > < <b>a')</b> - syntax - sintactică - σύνταξη <b>b')</b> - propositional - propozitională - προποσιονικό <b>a')</b> - syntax - sintactică - σύνταξη <b>b')</b> - propositional - propozitională - προποσιονικό <b>a')</b> N/n c[(R0,1)] N/n c(jx) <b>b')</b> P-S c[('I'(R0))] P-S c(jx) <b>a')</b> S < P s(jx) <b>b')</b> S < P s(jc)
	<b>14)</b> ηια ( grammatical element resumed informational = <b>anaphoric</b> ) / ( element grammatical reumat informational = <b>anaforic</b> ) ( γραμματικό στοιχείο συνέχισης πληροφοριακό = αναφορικό ) <b>15)</b> ηια ( anticipatory grammatical element informational = <b>cataphoric</b> ) / ( element grammatical anticipativ informational = <b>cataforic</b> ) / ( προκαταρκτικό γραμματικό στοιχείο πληροφοριακός = καταφορικός ) <b>16)</b> διια ( grammatical element used with literal meaning = <b>deixis</b> ) / ( element grammatical utilizat cu sens literal = <b>deixis</b> ) / ( γραμματικό στοιχείο που χρησιμοποιείται με κυριολεκτική σημασία = δειξη ) <b>17)</b> αι ( theme ) + β ( retheme ) / α ( tema ) + β ( retema ) / α ( θέμα ) + β ( ρεθέμα / ανεδιστόπωση )

b)

eng	rum	el
- surgery of grammatical information	- chirurgia informațiilor gramaticale	- κχειρουργεία γραμματικών πληροφοριών



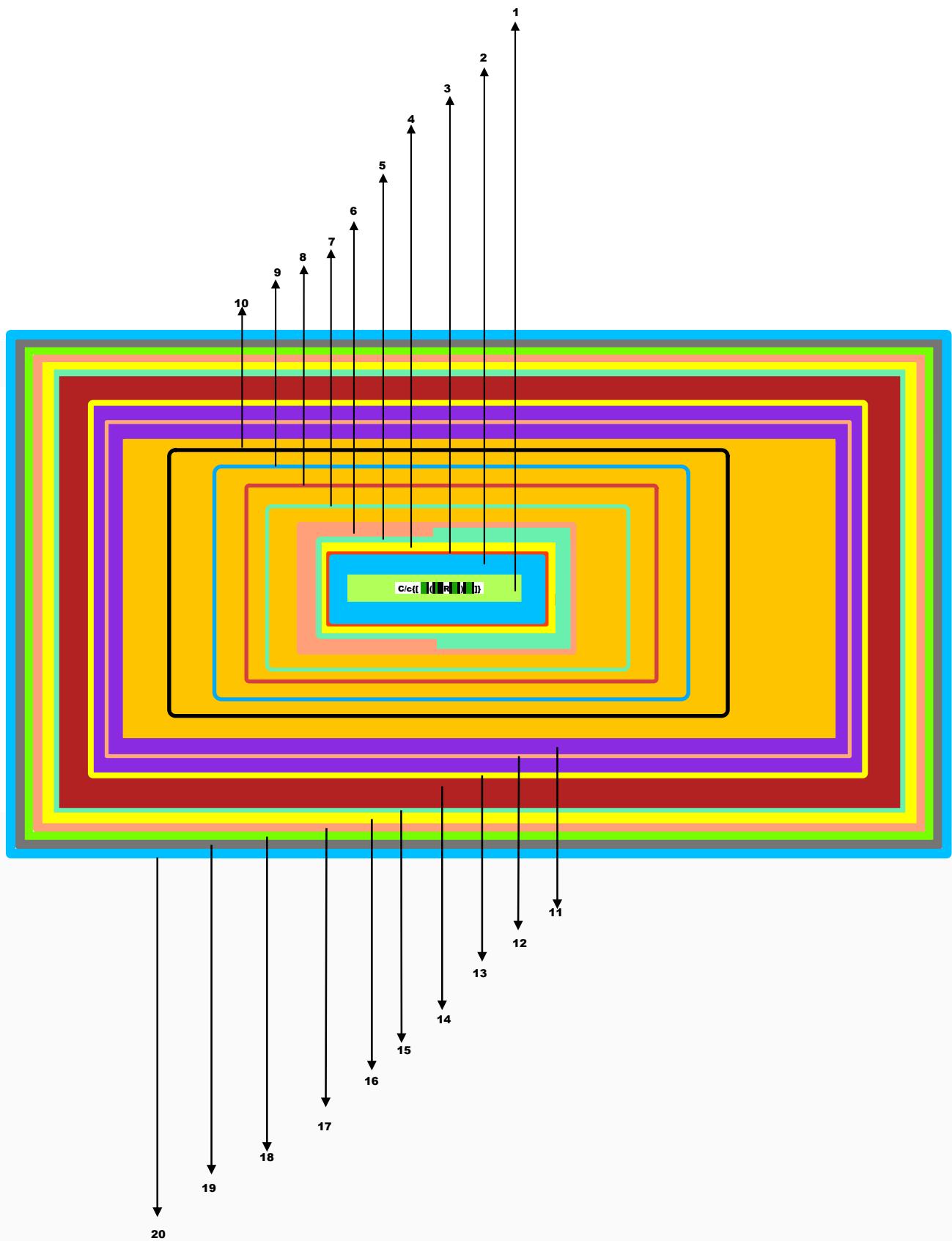
a) Universal expression of the main characteristics of a grammatical element - Exprimare universală a principalelor caracteristici ale unui element gramatical. - Καθολική έκφραση των κύριων χαρακτηριστικών ενός γραμματικού στοιχείου

caracteristici exterioare / external characteristics / εξωτερικά χαρακτηριστικά

caracteristici interioare / interior features / εσωτερικά χαρακτηριστικά

eng (- gender rum (- gen eln (- γένος	- number - număr - αριθμός	- person - persoană - πρόσωπο	- case - caz - πτώση	+ other information + alte informații + άλλες πληροφορίες	= morphological value ] = valoare morfologetică ] = μορφολογική οξιά ]	= syntactic value } = valoare sintactică } = συντακτική οξιά }	propositional value >> valoarea propozițională >> προτασιακή οξιά >>
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[nP/In | nS/An]



eng	rum	el
- the general expression of the semantic characteristics of a grammatical element. C/c[(R)]	- exprimarea generală a caracteristicilor semantice ale unui element gramatical C/c[(R)]	- η γενική έκφραση των σημασιολογικών χαρακτηριστικών ενός γραμματικού στοιχείου. C/c[(R)]
C/c[n(R/0)] = C/c[+(R)]		
C/c[(nR/0)] = C/c([(R)])		
C/c[(R/0)n] = C/c((R+))		
C/c[(n(R/0)n)] = C/c[(+R)+]		
C/c[n(nR/0)n] = C/c[+(+R)+]		

eng	rum	el
- the general expression of the characteristics of the grammatical element C/c	- exprimarea generală a caracteristicilor elementului gramatical C/c	- η γενική έκφραση των χαρακτηριστικών του γραμματικού στοιχείου C/c
1 - caracteristici principale / complective ale unui element gramatical / verde - main / comprehensive characteristics of a grammatical element / green - κύριε / περιεκτικά χαρακτηριστικά ενός γραμματικού στοιχείου / πράσινος	2 - caracteristile elementului gramatical la nivel morfologic / galben - the characteristics of the grammatical element at the morphological level / yellow - τα χαρακτηριστικά του γραμματικού στοιχείου σε μορφολογικό επίπεδο / κίτρινο	
3 = informații evidențiate , highlighted information , επισημασμένες πληροφορίες		
4 / 13 - caracteristici suplimentare ale unui element gramatical la nivel morfologic, sintactic sau propozițional, sau evidențiate în anumite situații necesare - additional features of a grammatical element at the morphological, syntactic, or propositional level, or highlighted in certain necessary situations - επιπλέον χαρακτηριστικά ενός γραμματικού στο επίπεδο της μορφολογίας, σύνταξης ή προτασιούς δημος, ή που επιληφθεί σε συγκεκριμένες αναγκαίες καταστάσεις. / galben / yellow / κίτρινο		
5 / 15 - element gramatical morfologic / sintactic cu rol de determinant / petrol - morphological / syntactic grammatical element with a determining role / petrol - μορφολογικό / συντακτικό γραμματικό στοιχείο με προσδιορισμό ρόλο / πετρόλ	6 / 12 - element gramatical morfologic / sintactic cu rol de determinant / coral - morphological / syntactic grammatical element with a role to be determined / coral - μορφολογικό / συντακτικό γραμματικό στοιχείο με προσδιοριζόμενο ρόλο / κοραλί	
- caracteristici elementului gramatical la nivel sintactic / portocaliu - the characteristics of the grammatical element at the syntactic level / orange - τα χαρακτηριστικά του γραμματικού στοιχείου σε συντακτικό επίπεδο / πορτοκαλί	7 = determinant - petroli / = determiners - petrol / = προσδιορισμοί - πετρόλ 8 = complement direct / indirect , nume predicativ - vișiniu / = direct - indirect object , predicative nominal - burgundy = αντιεκμένο , καπηλούμενο / μπορντύ	
9 = verb - albastru / = verb - blue / = ρήμα - μπλε 10 = subject - negru / = subject 0 black / = υποκείμενο - μαύρο		
11 - propoziție principală / mov , main clause / purple , - κύρια πρόταση / μωβ	14 - propoziție subordonată / vișiniu , subordinate clause / burgundy , δευτερεύουσα πρόταση / μπορντύ	
16 - national grammatical element - element grammatical national - εθνικό γραμματικό στοιχείο	17 - basic element , semantically independent / Independent in meaning - element grammatical of base , independent semantic , independent de intelect - βασικό γραμματικό στοιχείο, σημασιολογικά ανεξάρτητο από την κατανόση	
18 - semantically dependent grammatical element, dependent on meaning (attachable grammatical components ) - element grammatical dependent semantic, dependent of intelect ( componente gramaticale atașabile ) - σημασιολογικά εξαρτώμενα γραμματικό στοιχείο, εξαρτώμενο από το νόημα (προσαρτώμενα γραμματικά στοιχεία )		
19 - semi-independent grammatical element - element grammatical semiindependent - που-ανεξάρτητο γραμματικό στοιχείο	20 - International grammatical element - element grammatical international - διεθνές γραμματικό στοιχείο	
- national grammatical element, semantically independent - element grammatical national , independent semantic - εθνικό γραμματικό στοιχείο, σημασιολογικά ανεξάρτητο	- national grammatical element, semantically dependent and / or comprehensible - element grammatical national , dependent semantic și / sau de intelect - εθνικό γραμματικό στοιχείο, σημασιολογικά εξαρτώμενο ή/και κατανούση	
grammatical element, independent semantic / independent understood - untransformed / attached - element grammatical, independent semantic / independent intelect - netransformat / atasat - γραμματικό στοιχείο, αυτοτέλες σημασιολογικό / ανεξάρτητο νόημα - αμετάβλητο / συνημένο	international international διεθνές	
grammatical element dependent on meaning / semantically dependent - element grammatical dependent on meaning / dependent semantic - γραμματικό στοιχείο, εξαρτώμενο από το νόημα / σημασιολογικά εξαρτώμενο	- international - international - διεθνές	
national grammatical element, semantically independent , dependent on meaning element grammatical national , independent semantic , dependent of intelect - εθνικό γραμματικό στοιχείο, ανεξάρτητο σημασιολογικά εξαρτώμενο από το νόημα		
grammatical element, semi-independent / component ( semantically dependent component / dependent on meaning ) element grammatical semiindependent / componentă ( componentă dependentă semantică / dependentă de intelect ) - γραμματικό στοιχείο, που-ανεξάρτητο / σημασιολογικά εξαρτώμενο / νοηματοεξαρτώμενο συστατικό )	national national εθνικό	
grammatical element, dependent on meaning / dependent semantically - element grammatical, dependent on meaning / dependent semantic - γραμματικό στοιχείο, εξαρτώμενο από το νόημα / σημασιολογικά εξαρτώμενο	international international διεθνές	
grammatical element, semantic independent / meaning independent - element grammatical, independent semantic / independent of intelect - γραμματικό στοιχείο, ανεξάρτητο σημασιολογικά ανεξάρτητο / σημασιολογικά ανεξάρτητο	- international - international - διεθνές	
grammatical element, independent semantic / dependent on meaning - element grammatical, independent semantic / dependent of intelect - γραμματικό στοιχείο, αυτοτέλες σημασιολογικό / εξαρτώμενο από τη σημασία - εθνικό , transformed into transformed in metatrápetai se	- national - national - διεθνές	
grammatical element, semantically independent / meaning-independent - national - element grammatical, independent semantic / independent of intelect - national - γραμματικό στοιχείο, σημασιολογικά ανεξάρτητο - εθνικό , used utilizat χρησιμοποιείται	semi-independent semi-independent που-ανεξάρτητο ( component / semantically dependent / meaning-dependent ) - international - international - διεθνές	
grammatical element, semantically independent / dependent on meaning - International - element grammatical, independent semantic / dependent of intelect - International - γραμματικό στοιχείο, σημασιολογικά ανεξάρτητο / εξαρτώμενο από τη σημασία - διεθνές , transformed into transformat in μετασχηματισμένο στ	grammatical element element grammatical γραμματικό στοιχείο dependent on meaning / dependent semantic dependent de intelect / dependent semantic εξαρτώμενο από το νόημα / εξαρτώμενο σημασιολογικό - international . - international . - διεθνές .	
international element grammatical διεθνές	grammatical element element grammatical γραμματικό στοιχείο semantically independent / independent semantic independent of intelect / dependent semantic εξαρτώμενο από το εθνικό νόημα - national - national - εθνικός	
international element grammatical διεθνές	international international διεθνές	

**eng**

- the geometric-syntactic architecture of expressing the characteristics of syntactic functions in a main sentence.

**rum**

- arhitectura geometric - sintactică a exprimării caracteristicilor funcțiilor sintactice într-o propoziție principală.

**el**

- η γεωμετρική-συντακτική αρχιτεκτονική της έκφρασης των χαρακτηριστικών των συντακτικών λειτουργιών σε μια κύρια πρόταση.

