# On romance syntactic complex predicates: why Brazilian Portuguese is different ${ }^{1}$ 

## Sobre predicados complexos sintáticos nas línguas românicas: por que o português brasileiro é diferente ${ }^{2}$

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## RESUMO

Proponho que a subida de clítico é efeito da formação de predicados complexos sintáticos nas línguas românicas, pois o sintagma do verbo não-finito se move para o especificador

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do V mais alto nessas construções. Esse movimento forma um predicado complexo, propiciando a subida do clítico. É crucial para tal movimento que haja um sistema C-T defectivo. A falta de subida de clítico no português brasileiro, portanto, é uma conseqüência de um sistema C-T não-defectivo nessas estruturas. Como decorrência, temos a possibilidade de certas construções na língua, que são apresentadas como evidência adicional para a proposta.

## PALAVRAS-CHAVE

Subida de clítico. Predicados complexos sintáticos. ECM. Infinitivo flexionado. Português Brasileiro. Teoria de Princípios e Parâmetros.

> ABSTRACT
> I analyze clitic climbing as the effect of Romance syntactic complex predicate formation: the non-finite verb phrase moves to the specifier of the upper V. This movement forms a complex predicate so as to allow for a configuration where clitics can climb. Crucial for this movement is the presence of a defective C-T. The lack of clitic climbing in Brazilian Portuguese is but one consequence of a non-defective C-T system in these structures. As a consequence, we have the possibility for certain constructions to occur in the language; in fact, they are presented as additional evidence for the proposal.

KEYWORDS
Clitic climbing. Syntactic complex predicates. ECM. Infected infinitives. Brazilian Portuguese. Principles es Parameters Theory.

## 1 Introduction

It is a well-known fact that Romance languages have the phenomenon called "clitic climbing" whereby clitics associated to a lower verb in a two or more verb complex (1a) can occur adjacent to the upper verb (1b):
(1) a. Volevo chiamarti ieri. [Italian] I-wanted call-INF.you-CL yesterday 'I wanted to call you up yesterday'
b. tivolevo chiamare ieri
you.CL.I-wanted call-INF yesterday
I wanted to call you up yesterday'

Brazilian Portuguese (henceforth, BP), although being considered Romance language, does not allow clitic climbing, as we can see in (2) - compare to (1b):
(2) ${ }^{\text {Me }}$ quis telefonar ontem.

He me.CL wanted visit-INF yesterday
He wanted to visit me yesterday'.

In this paper, I argue that BP does not allow clitic climbing because the language does not have the Romance type of complex predicate formation. In other words, lack of clitic climbing is only one of the effects of the lack of complex predicates in BP, as I will show. I, then, propose an explanation for this fact and I show that my proposal also explains why BP lacks other structures that have been considered complex predicates.

This paper is organized as follows. I first focus on clitic climbing, and, based on recent literature, I propose an analysis for the phenomena in three structures: Faire+Infinitive causatives, auxiliary+participle constructions and restructuring configurations. After that, I focus on BP and show why the language does not have clitic climbing - it does not allow for the complex predicate formation that exists in other Romance languages. I propose that nonfinite T in BP is non-defective, and thus we do not have the complex predicate formation in the configurations where it happens in Romance. This proposal has some predictions which I show are borne out in BP.

## 2 On clitic climbing

Clitic climbing occurs with three types of constructions, which I call syntactic Romance complex predicates, and it is obligatory only
in the first two: (a) synthetic causatives (Faire + Infinitive) (3)-(5); (b) auxiliary+participle constructions ("periphrastic tenses") (6)-(8); and (c) restructuring configurations (9)-(10):
(3) a. O João mandou comer a sopa à Maria. [European Portuguese, EP] The João ordered eat.INF the soup to Maria 'João made Maria eat the soup'.
b. O João a mandou comer à Maria.

The João it.CL ordered eat to Maria 'João made Maria eat it.'
(4) a. Maria ha fatto riparare la macchina a Gianni. [Italian] Maria FAIRE repair.INF the car to Gianni. 'Maria made Gianni repair the car'
b. Maria 1'ha fatto riparare a Gianni

Maria it.CL bas made repair to Gianni 'Maria made Gianni repair it.'
(5) a. Jean a fait rire son ami.

Jean has FAIRE laugh.INF bis friend 'Jean made his friend laugh'.
b. Jean 1'a fait rire.

Jean bim.CLbas FAIRE laugh.INF 'Jean made him laugh'.
(6) a. O João não me tinha visto.

The João not me bad seen
'John had not seen me.'
b. *O João não tinha visto-me.
c. *O João não tinha me visto.
(7) a. Gianni lo ha fatto.

Gianni it has done
'Gianni has done it'
b. *Gianni ha fatto lo.
c. *Gianni ha lo fatto.
(8) a. Jean l'a lu.

Jean it has read
'Jean has read it.'
b. *Jean a lu le.
c. ${ }^{*}$ Jean a le lu.
(9) a. O João me quis visitar.

The João me.CL want visit.INF
'João wanted to visit me'.
b. O João quis-me visitar
c. O João quis visitar-me.
(10) a. Gianni vuole leggerlo.

Gianni wants read.INF.it.CL
'Gianni wants to read it.'
b. Gianni lo vuole leggere.

Below I provide an analysis for clitic climbing which unifies these three constructions: in all of them, a complex predicate is formed by the movement of an XP, which will then provide the necessary condition for the clitic to climb to the upper verb. The analysis is presented for each construction separately.
(a) Faire + Infinitive causatives

Faire + Infinitive causatives are possible with causatives (11a) and perception (11b) verbs ${ }^{3}$ :
(11) a. Jean fera laver la voiture à Marie. [French] Jean make-FUT wash-INF the car to Marie 'Jean is going to make Marie wash the car.'
b. Maria viu sair o menino. [European Portuguese, EP]

Maria saw leave-INF the boy
'Maria saw the boy leave'.

[^1]Faire+ Infinitives are syntactic complex predicates, since they 'force' clitic climbing: the clitic which is related to the lower verb must appear cliticized to the upper verb (cf. KAYNE, 1975; BURZIO, 1986; GUASTI, 1993; GONÇALVES, 1999, among others). Thus, if a clitic is present, clitic climbing is obligatory, be it the accusative argument (12a), or the dative subject of the infinitive (12b):

$$
\begin{aligned}
& \text { (12) a. Jean la } \underset{\substack{\text { la } \\
\text { Jean it-CL laver } \\
\text { 'Jean made Marie wash it.' }}}{\text { 'à Maries }} \text { [French] } \\
&
\end{aligned}
$$

| b. Maria | gli | fa riparare | la macchina. | [Italian] |
| :--- | :--- | :--- | :--- | :--- |
| Maria | bim-CL | make repair-INF | the car |  |
| 'Maria makes him repair the car'. |  |  |  |  |

Roberts (2008) proposes that the VP containing the infinitive moves to a position adjacent to the causative/perception verb (cf. KAYNE, 1975, BURZIO, 1986), since these verbs select for a functional projection, whose head attracts the infinitive VP to its specifier. I follow recent developments of generative syntax, in that phase heads (C, $\mathrm{v}^{*}$ ) spread their Edge Features (EF) (along with their $\varphi$-features, if they have them) to lower non-phasal projections (cf. CHOMSKY, 2005, 2006; RICHARDS, 2007). These features will probe for a goal, and will trigger movement of the goal to the specifier of the lower non-phasal category which has inherited the EF from the phase head.

I propose that Romance syntactic complex predicates form one $\mathrm{v}^{*}$ phase ${ }^{4}$. The functional projection below a causative verb like faire is CauseP, and the InfP movement is triggered by the Edge Feature (EF) on the functional upper $\mathrm{v}^{*}$. The upper head V (or root $\sqrt{ }$, as in CHOMSKY, 2005, 2006) inherits v*'s EF, and Agrees with the nominal/ verbal InfP head. This EF can be thought of as a 'nominal deficiency' of

[^2]the functional category ${ }^{5}$ that will probe for a nominal. Since the lower $v$ is defective (i.e., it has no $\varphi$-features, cf. ROBERTS, 2008) it is not a phase, and the InfP is able to move up:
(13) a. Jean me fera voir $\grave{a}^{6}$ un chirurgien. [French] Jean me-CL make-FUT see-INF to a surgeon 'Jean will have a surgeon see me'
b.


A sentence as (13a) containing a Faire + Infinitive structure has the structure in (13b), (cf. also ROBERTS, 2008, p. 114, for a somewhat similar derivation, where CauseP is VoiceP). In (13b), the verb moves to the head Inf (represented here as $-r$ ) and the clitic moves to the edge of Inf. However, the crucial movement here is the movement of the InfP to the $[\mathrm{spec}, \sqrt{ } \mathrm{P}]$.

My analysis differs from Roberts' in that I propose that the Infinitive Phrase (InfP) in Faire+Infinitives moves to the [spec, VP] of the causative verb, so that the two predicates are "close enough" to form a complex predicate. In this configuration, clitic climbing is possible and necessary.

[^3]According to Roberts (2008), whose analysis for cliticization I assume, clitics are $\varphi$-feature bundles ${ }^{7}$, and as such, they are defective goals ${ }^{8}$ in relation to a probe, $\nu^{*}$ (which contains $\varphi$-features and a V feature): the formal features of the clitic are properly included in those of the probe. Cliticization is, then, incorporation ${ }^{9}$, and, crucially for this paper, it is obligatory in the $\mathrm{v}^{*}$ phase, since only phase heads trigger movement (cf. CHOMSKY, 2005).

In this way, Faire+Infinitives as complex predicates can be explained.

## (b) Auxiliary+participle constructions

In Romance periphrastic tenses, proclisis to the inflected auxiliary is obligatory, and adjacency between the auxiliary and participle cannot be broken (14c):
(14) a. Gianni m'ha baciato. [Italian]

Gianni me-CL haskissed
'Gianni has kissed me.'
b. *Gianni ha baciatome.
c. *Gianni mi ha non baciato.

If we assume that this is due to a complex predicate structure as (14b), clitic climbing is explained. In (14b), Participle Phrase (PartP) movement to [spec, V ] is also triggered by the EF feature of the auxiliary (functional) verb, $\mathrm{v}^{* 10}$ (again, a "nominal deficiency", which probes for

[^4]a nominal/verbal feature), which is passed on to V .
(15) a. João não me tinha visto.
[EP] João not me-CL had seen 'João had not seen me'.

(c) Restructuring

Rizzi (1982)'s seminal work proposed three classes of restructuring verbs: (a) modal verbs - in BP, poder, dever, querer, (b)- aspectual verbs: in BP, começar, terminar/acabar, continuar...; (c) motion verbs: in BP, vir, ir... In the literature, clitic climbing has been seen as a diagnostic for the complex predicate formation, since in this case, it looks like there is just one clause involve ('clause union effect'), an apparent universal phenomena (cf. CINQUE, 2004, p. 20), since other phenomena of clause union have been observed with the same set of verbs.

There have been two types of explanation for the phenomena of clause union: the biclausal analysis and the monoclausal analysis.

Rizzi (1982) proposed a biclausal analysis, in which, a reestructuring rule would account for clitic climbing and the other properties presented by the restructuring verbs. Restructuring was considered to optional: if there was not clitic climbing, we would have two sentences:

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(16) Anna vuole [S comprarlo]
Anna wants buy-CL
'Anna wants to buy it'.
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With clitic climbing, only one sentence with the two verbs analyzed as a verbal complex:
(17) Anna [v lo vuole comprare]

Much work has been done on the subject since then, and other languages have been studied.

More recently Wurmbrand $(2001,2003)$ argues that restructuring is not an operation, but the ability of some verbs to select bare VP complements, as in (18):
(18) $\left[\mathrm{TP} \mathrm{SUJ}\left[\mathrm{VP} v\left[\mathrm{VP}_{\text {restructuring verb }}\left[\mathrm{VP} \mathrm{V}_{\text {head of the restructured complement }}\right]\right]\right]\right]$

The consequence is that in languages in which there is clear evidence of restructuring, the bare VP complements are spelled out as infinitive morphology.

Likewise, assuming the hierarchy of functional projections in Cinque (1999), Cinque (2004) tries to answer why restructuring verbs are always Modal, Aspectual and Motion verbs. He proposes that restructuring verbs correspond to distinct heads in the hierarchy and they lexicalize the contents of the functional heads. The hypothesis is that only those verbs which have the semantic contents of a certain functional head admit two distinct possibilities: lexical verbs (heads of VP, which selects a regular CP complement), as in (19a), and functional verbs, which are inserted directly (merged directly) in the position of the corresponding functional projection (19b):
(19) a. $\left[{ }_{C P} \cdots\left[_{\mathrm{FP}} \cdots\left[_{\mathrm{FP}} \cdots\left[_{\mathrm{VP}} \mathrm{V}_{\text {restr }}\left[\left[_{C P} \cdots\left[_{\mathrm{FP}} \cdots\left[_{\mathrm{FP}} \cdots\left[_{\mathrm{VP}} \mathrm{V}\right]\right]\right]\right]\right]\right]\right]\right]\right.$
b. $\left[{ }_{\mathrm{CP}} \cdots\left[_{\mathrm{FP}} \cdots\left[_{\mathrm{FP}} \mathrm{V}_{\text {restr }}\left[{ }_{\mathrm{FP}} \cdots\left[_{\mathrm{VP}} \mathrm{V}\right]\right]\right]\right]\right.$

In monoclausal structures as (19b) there is the obligatory presence of transparency effect such as clitic climbing; in structures as (19a) we do not find these effects.

Cinque (2004) argues that restructuring verbs are always functional verbs even when there are no transparency effects and are, therefore, in a monoclausal configuration (20):
(20) $\left[_{\mathrm{CP}}\right.$ io $\left[_{\text {AndativeP }}\right.$ ti verrò $\left[_{\mathrm{VP}}\right.$ a parlare [di questi problemi $\left.\left.]\right]\right]$

On the other hand, Roberts (1997) assumes a biclausal analysis and proposes that in a restructuring configuration, the lower V moves overtly to the higher clause restructuring V and forms a complex head - overt incorporation. The derived complex head will be spelled out at the 'highest L-related position in its chain'.

Gonçalves (1999) also assumes, for European Portuguese (EP), a biclausal analysis for restructuring and proposes that in EP the infinitive complement of restructuring verbs depends for Tense on the main clause. This infinitive is defective (ie, it contains a defective T), with no AgrS or C projection. This triggers, thus, the formation of a complex predicate.

For Roberts (2008), there is VP movement to T, since he assumes restructuring verbs select for defective TPs. He proposes the following structure as the relevant configuration for restructuring and clitic climbing:

$$
\text { (21) } \ldots \mathrm{v}^{*}\left[{ }_{\mathrm{VP}} \mathrm{~V}\left[\mathrm{TPP}_{\mathrm{TP}} \mathrm{~T}\left[_{\mathrm{vP}} \mathrm{v}[\mathrm{VP}, \mathrm{~V} \text { CL }]\right]\right]\right.
$$

Contrary to Roberts, however, and following recent proposals (CHOMSKY, 2005, 2006, RICHARDS, 2007, ALBOIU, 2006), I assume restructuring complements are not defective Ts, but defective C-Ts.

I propose the movement of the infinitive first to [spec, CP], triggered by the EF. This movement is possible due to the prepositional/
complementizer character of the infinitive marker (to in English, e in Italian, French, or $\varnothing$ in Portuguese, Spanish). This analysis takes into account the fact that it has been long noticed that these elements have properties which relate them to $\mathrm{C}^{11}$. I assume this element is a head (being dubbed here as $\mathbf{e}$, due to the infinitive final ending in Italian and French) to which the Infinitive and clitics have incorporated.
(22) a. João não me tentou ver.

João not me-CL tried see-INF 'João did not try to see me'.
b.


In (22), movement of the to-infinitive $(e P)$ is triggered by the EF in C. C-T does note have phi-features, and hence, C is not a phase ${ }^{12}$, allowing the subsequent movement of $e \mathrm{P}$ to [spec, V], triggered by the

[^5]EF feature in $v^{*}$, the phase.
I assume that Infinitive Phrases in restructuring are not the bare infinitives found in Faire + Infinitives seen above (or in ECM causative/ perception verbs structure). These Infinitive Phrases are below $e(=t o)$ and are not phases. For that assumption, I rely on the fact that these infinitives come from a more 'nominal' element, being the complement of a prepositional/complementizer-like element, meaning purpose ${ }^{13}$. In fact, Wanner (1987) shows that the infinitive in Latin seems to have been an expression of purpose or goal (as in English, see LOS, 2005) which then spread to a verbal element. ${ }^{14}$

In Portuguese, this element - now null ( $($ ), since the original -e morpheme vowel was lost - is a phasal element, a functional projection. The infinitival $-r$, on the other hand, is the head of the InfP below $e \mathrm{P}$, and it has a nominal feature. Thus, bare infinitives are different from to-infinitives, since the former are eventives (cf. FÁBREGAS; VARELA, 2006, for eventive nominal infinitives, FELSER, 1999 for infinitival verb complements). They derived from the $A c I$ ('Accusative and Infinitive') in Latin ${ }^{15}$, as many authors have pointed out (WANNER, 1987, LOS, 2005, FELSER, 1999), and, thus, it is plausible that they should have a different structure.

## 3 On Brazilian Portuguese

As pointed out above, clitic climbing is optional in Romance but for one construction, the auxiliary+participle periphrastic tense. Brazilian Portuguese (BP) behaves differently from all these Romance languages because it does not allow clitic climbing in any of the constructions above, not even in the auxiliary + participle structure.

In Cyrino $(2008,2009)$ I claim that this is due to the fact that

[^6]BP has undergone a diachronic change whereby it lost the possibility for forming complex predicates. In other words, in BP, there are no transparency effects in these structures, because lower functional heads possess phi-features which prevent the upper $\mathrm{v}^{*}$ to probe the nominal features in the nonfinite heads. Therefore, besides the fact that we do not have faire + Infinitive causatives, other structures which are agrammatical in Romance, are possible in BP . Below, I will argue that is the case.

1. In BP there is no clitic climbing (as noted by CYRINO, 1993, PAGOTTO, 1992) with "restructuring" verbs (modal, aspectual, motion verbs):
(23) João pode/quer/vai te ver. [BP]

João can/wants/goes you-CL see-INF `João can/wants to/is going to see you'.
2. In BP, there is no clitic climbing in compound/periphrastic tenses ${ }^{16}$
(24) a. João está provavelmente te telefonando. [BP]

João is probably you-CL call-PresPart 'João is always calling you.'
b. João tinha possivelmente me visto. [BP]

João had possibly you-CL see-PastPart 'João had possibly seen you'.
3. In BP there is no faire+ Infinitive causatives. The sentences below, good in EP because the language has complex predicates with both causative and perceptive verbs, are ungrammatical in BP :
(25) a. *O João mandou comer a sopa à Ana.
The João ordered eat-INF the soup to Ana
'João had Ana to eat the soup'

[^7]| b. *O João mandou-lhe comer a sopa. The João ordered-CLdat eat-INF the soup | [BP] |
| :---: | :---: |
| 'João had her eat the soup' |  |
| c. *O João viu sair a Maria. | [BP] |
| The João saw leave-INF the Maria |  |
| 'João saw Maria leave' |  |
| d. *O João viu-a sair. | [BP] |
| The João saw-CLacc leave |  |
| 'João saw her leave' |  |
| e. *O João mandou-a comer à Ana. | [BP] |
| The João ordered-CLacc eat to Ana |  |
| 'João had Ana eat it'. |  |

4. In BP, there is an extra reading in easy-to-please-constructions: the interpretation where the gap refers to the subject of the upper clause is possible, as is well-known (cf. GALVES, 2001):
(26) João ${ }_{\mathrm{i}}$ é fácil de [João ${ }_{\mathrm{i}}$ agradar]
$[\sqrt{ } \mathrm{BP} / * \mathrm{EP}]$
João is easy of please
'João is easy to please people’

Roberts (1997) assumes the adjective triggers restructuring in easy-to-please constructions, thus creating an extended projection involving the two clauses and accounting for the clause union effect:
(27) John is $_{\mathrm{i}}$ please $_{\mathrm{V}}+$ easy $\left[\operatorname{ect} \mathrm{t}_{\mathrm{V}} \mathrm{t}_{\mathrm{i}}\right]$

If there is a complex predicate here, the interpretation where the gap refers to a subject is not possible, since there is a kind of "restructuring". But, given (26) and (28-29) below in BP, we see that the language does not have restructuring in these contexts either:
(28) Primeiramente, percebi que ainda sou difícil de falar abertamente, Firstly noticed that still am difficult of speak openly especialmente depois que perdi minhas habilidades no inglês. specially after that lost my skills in-the English
(nowherelander.blogspot.com/2007/04/burocratizacao-do-meu-vcio.html)
'Firstly, I noticed that it is hard for me to speak openly, specially after I have lost my English skills'
(29) Quando Miguel Sanches escreveu a apresentação de Entre Quatro Paredes, when Miguel Sanches wrote the presentation of Entre Quatro Paredes ele estava inspirado. Sou difícil de ler o prólogo/prefácio. he was inspired. Am difficult of read the prologue/preface.
Não tenho esse costume.
Not have this habit.
(www.leialivro.sp.gov.br/texto.php?uid=17075)
'When Miguel Sanches wrote the presentation of Entre Quatro Paredes he was inspired. It is unusual for me to read the preface. I don't have the habit'.

## 4 An analysis for Brazilian Portuguese

As we saw above, the condition for Romance syntactic complex predicates: lower T is defective (ie, inactive for feature valuing).

What feature of $T$ acts as a probe/EPP trigger in the minimalist approach? $i$ T co-occurs with $u \Phi$-features. It must be $u \Phi$ that probes $\Phi$-features of DP. EPP is associated with $u \Phi$. Chomsky (2001)'s proposal for defectiveness is stated in (30):
(30) A category is defective if it lacks one or more of its $\varphi$-features.
$T_{\text {def }}$ in raising/ECM, for example, matches the subject in some of its features (to implement raising) but not all (to preclude inactivation). $\mathrm{T}_{\text {def }}$ has only [person] features. Hence,

- A Ф-bundle is non-defective if it has all of its features.
- A Ф-bundle is defective if it lacks all of its features.
- A $\Phi$-bundle is incomplete if it lacks some of its features.

In BP, I propose that the lower T in the non-finite clauses in the constructions which allow complex predicates in Romance languages has a different configuration. Nonfinite T in BP is incomplete. It only has [number] features (see also NUNES, 2007 for a proposal for finite T in BP ), hence its different behavior wrt to Romance languages non-finite Ts, where it is defective ( $=$ it has no
features whatsoever) ${ }^{17}$.
This proposal predicts that if non-finite T is no different from the finite T in its phi-feature make-up in BP, it can value Nominative Case, and TP should be a "normal" TP. As we will see below, the prediction is borne out, since there is a lot of evidence that in BP, the lower nonfinite T in BP has a different nature if we compare it to other Romance languages, especially EP. Below I present this evidence:

1. Possibility for nominative (focused) subjects in the lower clause:

- In "restructuring" configurations:
(31) roberto, eu tentei eu enviar meu convite à vc (rvsants.multiply.com/)
Roberto I tried I send-INF my invitation to you
'Roberto, I myself tried to send my invitation to you'
(32) os capitalistas tentam eles moldar o sindicalismo para que seja flexível the capitalist try they molde the syndicalism to that be flexible (www.bergmann.ppg.br/?m=200505)
'The capitalists try to molde (by themselves) the syndicalism so that it be flexible'
(33) Bom, como voce entrou no mérito de descencia, acho que voce deveria voce

Well, as you entered in-the merits of decency think that you should you rever o conceito antes de anunciar um produto por quase 3 vezes review the concept before of announce a product for almost 3 times (produto.mercadolivre.com.br/MLB-67299273-monitores-ativos-de-audiodynaudio-bm5a-novos-na-caixa_J)
'Well, as you got into the descency merit of the question, I think that you should reconsider the concept before announcing a product for almost three times...'
(34) Pára com essa coisa de deixar ser humilhada, pára de pedi-lo em casamento Stop with that thing of let-INF be bumiliated stop of ask-CL in marriage e pára de querer casar. O dia que você relaxar ele vai começar a ficar and stop of want marry. The day that you relax he go begin to stay

[^8]preocupado e vai ELE começar a querer casar, você vai ver só...
worried and go HE begin to want marry you go see only. (br.answers.yahoo. com/question/index?qid=20070927171739AADt6MQ)
'Stop with this thing of letting him humiliate you, stop proposing to him and stop longing to marry. The day you relax he will begin to worry and HE will begin to want to marry, you will see’

- In compound tense configurations:
(35) Desde já admito, posso perfeitamente ter eu percebido a conversa assim,... (http://bp3.blogger.com/_2PH0Em0ew3A/..kimangola.blogspot. com/feeds/posts/default/311125885720052829)
Since already admit- $\mathbf{1 s}^{\text {t }}$ can perfectly bave I notice the conversation so..
$`$ Right now I admit, I may have perfectly noticed the conversation like that...

We can understand these examples if we propose a lower $T$ which is capable of valuing Nominative Case. Whether we assume a PRO or a Movement account for control structures, the facts in (31) to (35) have to be explained.

These facts argue, in my view, in favor of the presence of a TP which is related to the CP system, because of the contrastive focus reading of the lower nominative subjects, assuming that is the position for contrastive and identificational (ZUBIZARRETA, 1998, MIOTO, 2003, BELLETTI, 2001) ${ }^{18}$ :
(36) a. $\left[{ }_{\mathrm{TP}}\right.$ tentei $\left[{ }_{\mathrm{FP}} \mathrm{eu}\left[_{\mathrm{TP}}<\mathrm{eu}>\left[_{\mathrm{vP}}<\mathrm{eu}>\right.\right.\right.$ enviar meu convite a você... $\left.\left.]\right]\right]$ b. o governo Lula $\left[_{\mathrm{TP}}\right.$ está $\left[_{\mathrm{FP}}\right.$ ele mesmo $\left[_{\mathrm{TP}}<\right.$ ele $>\left[_{\mathrm{VP}}<\right.$ ele> fazendo ...]I]
2. Presence of negation between the verbs

We can have sentence negation occurring not only before the upper TP (as in some Romance languages, e.g. EP, Italian, Spanish), but also before the lower TP. The latter position of negation is possible in English, but not in Romance languages.

[^9]- In "restructuring" configurations:
(37) EEU VOU ESTAR DIZENDO QUEEU VOU NÃO ESTAR INDO and I go be saying that I go not be going (tonygoes.blogspot.com/2007/06/e-eu-vou-estar-dizendo-que-eu-vou-no.html)
'And I am going to be saying that I am not going to be going'
(38) Não só mais um blog, não só as mesmas coisas de sempre, não só... não só... Not only more one blog not only the same things of always not only not only não só. hoje eu vou não rimar nada com nada, e não estou nem ligando... not only today I go not rbyme nothing with nothing and not am not caring (eunamultidao.blogspot.com/) 'not one more blog, not only the same things, not only... not only... Today I am not going to make any rhymes, and I could care less'
(39) Ao contrário, as opiniões são super bem vindas a esse blog... só tenho a dizer at-the contrary the opinions are super well come to this blog only bave to say que antes eu não via a tv aberta e agora vou não ver a tv digital aberta. that before I not saw the tv open and now go not see the tv digital open (tvdigitalbr.wordpress.com/2007/11/30/de-zero-a-dez/)
'On the contrary, opinions are very welcome to this blog, I only have to say that I didn't watch open tv and now I'm not going to watch digital open $t v$ '
- In compound tense configuration:
(40) Posso lhe dar mais informações e fazer o upload, mas só amanhã pois, pasme, Can CL give more information and do the upload but only tomorrow for amaze
(ii) a. *O João quis-me ele visitar.
[EP]
b. *O João pode-te ele dizer a verdade.
c. *O João vai-te ele dizer a verdade.

According to Gonçalves (1999) and Gonçalves \& Costa (2002), it is possible to have a focalized pronoun only with some verbs. However, this pronoun comes after the lower verb. If the contrastive focus projection is to the left of TP, we see that the whole verbal group moves to Spec FP in EP::
(iii) a. Os jornalistas querem entrevistar eles o Ministro. (G\&C 2002, (39a), p. 25)
b. O João ousou fazer ele o trabalho da Marta. (G\&C 2002, (173), p. 67)
c. *O João tinha comprado ele o jornal. (G\&C 2002, (39b), p. 25)
d. *O João vai fazer ele o jantar. (G\&C 2002, (174a), p. 67)
e. *O João pode fazer ele o jantar. (G\&C 2002, (174b), p. 67)
f. *O João está a fazer ele o jantar. (G\&C 2002, (174c), p. 67)

Notice that ousar, in (iiib) is one of the verbs that do not allow restructuring (complex predicate).
minha conexão é discada e eu estou não trabalhando com meu servidor my conection is dialed and I am not working with my server (xoops.eti.br/newbb+viewpost.uid+2077.htm)
I can give you more information and upload, but only tomorrow, for, surprise, my conection is a dialed one and I am not working with my server'.
(41) E eu tenho não vivido todos esse anos, em que de forma sistemática fomos and have not lived all these years in that of form systematic were separados pelas circunstâncias...
separated by circumstances
(ocioquasecriativo.zip.net/arch2006-03-01_2006-03-15.html)
'And I have not lived all these years in which we have been separated in a systematic way due to the circumstances'
(42) Condenada recentemente por ter agredido duas manicures em 2004, Condemned recently for have mugged two manicures in 2004, Foxy Brown parece ter não aprendido sua lição. Foxy Brown seem have-INF not learned her lesson. (http://territorio.terra.com.br/canais/canalpop/noticias/ultimas. asp?noticiaID=11967)
'Being condemned recently for having mugged two manicures in 2004, Foxy Brown seems not to have learned her lesson'
(43) 15 abr. 2006... Você reza e não sabe onde está Jesus, e ainda mais porque 15 apr 2006... you pray and not know where is Jesus and still more because parece que Jesus está não fazendo nada. Não temos resposta para estemistério seems that Jesus is not doing anything.
(www.cancaonova.com/.../coberturaphp?cod=58\&pre=196\&tit=) 'You pray and you don't know where Jesus is, and even more, because it seems that Jesus is not doing anything.'
(44) O diretor argumentou que a empresa estava crescendo, o volume de vendas The director argued that the firm was growing the volume of sales tinha aumentado, o número de funcionários cresceu, e neste período a área had increased the number of workers grew and in this period the área de TI tinha não feito nada para acompanhar esta evolução.
of TI bad not done nothing to accompany this evolution (http://www.ead.fea.usp.br/Semead/8semead/resultado/trabalhosPDF/9.pdf) 'The director argued that the firm was growing, the sales volume had increased, the number of workers had increased and, in that
period the TI area had not done anything to keep up with this evolution'

## 3. lack of ECM

We saw that we have no faire + Infinitive causatives in BP. Causatives, then, are always analytical (make causatives, like in English) as well as perceptive reports:
(45) a. João mandou a filha comer a sopa.
b. João viu a filha comer a sopa.

The interesting fact is that, contrary to other Romance languages that have that causative (EP, for example) and to English, BP does not have ECM in these constructions either ${ }^{19}$.
(46) Naquela corrida que a equipe mandou ele dar a posição, In that race that the team ordered he give the position, tinha que mandar mesmo, bad that order indeed...
(blog.estadao.com.br/.../?title=briga_que_vira_ate_comercial_ de_televisa\&more $=1 \& c=1 \& t b=1$ )
'In that race in which the team had him give up hisposition, they had to do it indeed'
(47) Sejam Bem-Vindos ao Big Blogger Brasil ! .... Deixa eu te levar pra ver Be welcom to Bib Blogger Brasil Let I you-CL take to see o mundo, Baby. Deixa eu te mostrar o melhor que eu posso ser the world baby. Let I you-CL show the Best that I can be (www.virtuasys.com.br/blog/index.php?cat=28-21k)
'Welcome to Big Blogger Brasil! Let me take you to see the world, baby. Let me show you the best I can be...'
(48) vcs não acreditam o que ela viu eu fazer e ta imitando igualzinho! ... you not believe the what she saw I do and is imitating alike (luanaminhavida.weblogger.terra.com.br/200406_luanaminhavida_ arquivo.htm)
'You won't believe what she saw me do and is imitating perfectly'

Moreover, the sentences below show that the lower T behaves as if it is an inflected T , in that it allow nominative subjects even with

ECM verbs:
(49) - E então Marcião? O que vc está achando daquela "discussão" no Orkut no And then Marcião? What you is finding of-that discussion in-the Orkut in-the tópico, sobre a divulgação da MATILDE? topic about the divulgation of-the Matilde?

- Então, ronaldo. Acredito ela ser contundente, mas o jeito que está sendo Then, Ronaldo. Believe she be strong but the way that is being levada, eu desconfio...
taken I suspect
(escolalivredeteatro.blogspot.com/2006/10/novos-autores-tm-leitura-na-elt.html)
'- How about it, Marcião. What do you think of that discussion in the Orkut under the heading 'about the publicization of Matilde'?
- So, Ronaldo. I believe it to be strong, but the way it is being led, I suspect (it)...'

ECM causative/perceptive constructions in EP can occur with inflected, or with uninflected infinitive.
(50) a. O João mandou/viu a Maria sair. (Un/inflected infinitive) Ok PB, OK PE
b. O João mandou/viu-a sair. (uninflected infinitive) *PB, ok PE
c. O João mandou/viu ela sair. (inflected infinitive) ok PB , ok PE
d. O João mandou/viu os policiais sair/saírem. (Un/inflected infinitive) ok/ok PB; ok/ok EP.
e. O João mandou/viu-os sair. (uninflected infinitive) *PB, ok PE
f. O João mandou/viu eles sair. (uninflected infinitive) okPB, ${ }^{*} \mathrm{PE}$
g. O João mandou/viu eles saírem. (inflected infinitive) okPB,okPE

In BP, although it is possible with the morphologically uninflected infinitive (50d), the morphologically uninflected is also possible, (50f). See also:
(51) Jesus perguntou: 'O que é que Moises mandou vocês fazer?' Jesus asked: What is that Moses ordered you do

[^10](expressa.com.br/edicoes/2007/maio/230507/opiniao.php?=home.opiniao) 'Jesus asked: What is it that Moses ordered you to do?'

Again, this shows that the lower non-finite T is close to the inflected infinitive in $\mathrm{BP}^{20}$. This is not an unwelcome result, since it looks like we have a CP-system related non-finite T in embedded clauses in BP, just like the inflected infinitive in EP (see, for example, the proposal in SITARIDOU, 2002).

## 5 Control structures

Obligatory control and volitional structures forbid the inflected infinitive (cf. SITARIDOU, 2002, among others), which occurs usually in non-obligatory control structures. However, in BP, since the lower T is of a different nature, we may find both obligatory, but also nonobligatory control structures - also that is reminiscent of a kind of inflected T (but with different properties than the usual EP-type of inflected infinitives):
(52) E a gente fica tentando eles fazerem as pazes... and the people stay trying they make-INFL the peace (videolog.uol.com.br/video.php?id=116886) `And we keep trying to make them make peace' (53) ok eu sei que podem estar tentando você a forçar a comprar o de 3 anos, mais ok I know that can be trying you to force to buy the of 3 years, but fica estranho ter a opção de 2 anos né ? stay strange have the option of 2 years, isn't it? (www.kadu.com.br/node/2760) `Ok, I know that they may be trying to force you to buy the one which is 3 years old, but it is strange to have the option of a 2 year-old one, isn't it?'
(54) Seguinte eu tenho um servidor aqui que controla várias redes via pppoe, Following I have a server bere that controls various nets via ppoe, funciona tranquilo sem problema nenhum (depois de muito sufoco works tranquil without problem any (after a lot of gasping
aprendendo a configurar) Só que tenho que colocar ips públicos junto
learning to configurate) Only that have that put ips public together
dessa rede, eu consegui ele fazer isso sem problemas, só que tem máquinas of-that net, I managed it do that without problems only that have machines que o ip público não funciona...
that the ips public not work.
(under-linux.org/forums/proxy-nat-firewall/75693-netmask-no-pppoe-server.html)
`It's the following: I have a server here which controls several nets via pppoe, and it works very well with no problems (after a lot of effort put in learning how to configurate it). I only have to put public IPs in that net, I managed it to do it with no problems, except that there are some machines in which the public IP does not work'.

As expected, we also find inflected infinitives with obligatory control verbs:
(55) pessoas que compram almas, ou vidas, que tentam não serem vendidas people that sell souls, or lives, that try not to be. 3 pl sold. 3 pl por dinheiro. ... (lise.weblogger.com.br/ - 22k)
for money
'...people who sell souls, or lives, that try not to be sold for money'
(56) não sabem do que falam devem pelo menos não comentarem not know of-the what talk. 3 pl must. 3 pl at least not to coment. 3 pl (blogspot.com/2007/10/podemos-mesmo-confiar-nos-genricos.html) '(they) don't know about what they talk, (they) should at least not comment on...'
(57) pessoas somente querem levarem vantagens efazerem show people only want. 3 pl to take. 3 pl advantages and to make. 3 pl show

[^11]para se aparecer ... (www.via6.com/topico.php?tid=67830)
to bimself appear
'...people only want to take advantages and put on a show to show off'

## 6 Other possibilities for inflected infinitives

In BP, it is possible to find the inflected infinitive in sentences which do not present the "canonical" structure which would allow it. This fact shows that Nominative Case is being assigned. In other words, although the "canonical inflected infinitive structure" is lacking, nonfinite T is non-defective in BP , and thus it is responsible for nominative case in those structures. As a consequence, we find inflected infinitives in raising structures (58-60):
(58) pede para matarem os integrantes do MST e do PT e ateus e humanistas ... ask to kill. 3 pl the members of-the MST and of-the and atheists and bumanists não parecem verem problema na questão... not seem. 3 pl see. 3 pl problem in-the question (br.groups.yahoo.com/group/ceticismoaberto/message/) '...(some) ask that the members of MST and PT and atheists and humanists be killed... (they) do not seem to see a problem in this'
(59) ...elas parecem gostarem de brigar mais por questoes de amigas... they seem 3 pl like. 3 pl of fight more for questions of friens (br.answers.yahoo.com/question/index?qid=20070627034441AANeL3t) 'they seem to like to figth more for questions of girl-friends'
(60) até pq eles ñ se suportam,mas muitos parecem amarem even because they don't stand each other, but many seem. 3 pl to love. 3 pl mais o demonio $q$ Deus, pois vivem chamamdo $\mathrm{p} /$ ele, more the demon than God, because live.3pl calling for him (br.answers.yahoo.com/questionindex?qid=20060829054817AAEC9EF ) 'also because they can't stand each other, but many seem to love the devil more than than they love God, since they keep calling him'

For the same reason, we find inflected infinitives with factives (61-63) and with epistemic predicates (64-65), even when there is disjoint reading, ie , where there is co-reference between the embedded and the
matrix subject:
(61) Durante o casamento de Lino e Lina, Inocência e Zoraide

During the wedding of Lino and Lina, Inocencia and Zoraide
lamentam, em pensamento, perderem ele para outra.
lament. 3 pl in thought to lose. 3 pl bim for other
(www.94fm.com.br/saiba_0_que_vai_acontecer_nas_novelas_desta_tec_3)
'During Lin and Lina's wedding, Inocência and Zoraide, in thought, regret for having lost him to another'
(62) Palmeirenses lamentam não terem definido placar no primeiro tempo ... Palmeirenses lament. 3 pl not to bave. 3 pl defined score in-the first time 'Palmeirenses regret not having defined the scores in the first half' (www.palmeirasonline.com/)
(63) querem um baile no aniversário de quinze anos ou

Want. 3 pl a ball in-the birthday of fifteen years or
lamentam não terem tido um....
lament. 3 pl not to have. 3 pl had one...
(nobreordinario.blogspot.com/feeds/postsdefault/145962659292079418) '(they) want to have a sweet fifteen birthday ball or (they) regret not having had one'
(64) Muitos pensam nunca terem tido condições de criar ... many think. 3 pl never to bave. 3 pl had condtions to create (www.casadavovoza.bigblogger.com.br/index.php?mes=2\&ano=2005) 'Many think they have never had the chance to create...'
(65) Educados por aqueles que educamos, por aqueles que

Educated. pl by those that educate. 1 pl by those that
pensam não terem nada a dizer,
think. 3 pl not to bave. 3 pl nothing to say
(www.nofronte.blogger.com.br/2006_06_18_archive.html) '(being) brought up by those who we bring up, by those who think they have nothing to say'

These facts suggest that obligatory control is, after all, movement (see HORNSTEIN, 2003), but I will not investigate this evidence in this paper (however, see CYRINO, 2008a).

Nunes (2007) argues for the existence of hiper- raising structures in

BP, whereby null subjects in embedded clauses are instances of raising:
(66) [O João] $]_{\mathrm{i}}$ disse [que $e c_{\mathrm{i} / * ; \mathrm{j}}$ comprou um carro novo] the João said that bought. 3 SG a car new
'Joãoi said that he $\mathrm{i}_{\mathrm{i} / \mathrm{K}_{\mathrm{j}}}$ bought a new car.'
Hiper-raising with either a resumptive pronoun or with a matrix subject with topic properties (cf. MARTINS; NUNES, to appear), are also possible:
(67) [As crianças $]_{i}$ parecem que elas ${ }_{i}$ gostam da babá.
the children seem-3PL that they like-3PL of-the baby-sitter 'The children seem to like the baby-sitter.'

Nunes (2007) proposes (68), for finite Ts in BP due to the verbal agreement paradigm found in BP, as seen in (69):
(68) $\varphi$-complete finite $\mathrm{T} \rightarrow \mathrm{T}_{\text {[number, person] }}$ ( T in matrix clauses) $\varphi$-incomplete finite $\mathrm{T} \rightarrow \mathrm{T}_{\text {[number] }}$ (lower T in raising structures)
(69) Verbal agreement paradigm in (Colloquial) Brazilian Portuguese cantar' to sing': indicative present

| eu 'T' | canto | P:1; N:SG |
| :--- | :--- | :--- |
| você 'you (SG)' | canta | P:default; N:default (= 3SG) |
| ele 'he' | canta | P:default; N:default (= 3SG) |
| ela 'she' | canta | P:default; N:default (= 3SG) |
| a gente 'we' | canta | P:default; N:default (= 3SG) |
| vocês 'you (PL)' | cantam | P:default; N:PL (= 3PL) |
| Eles 'they (MASC)' | cantam | P:default; N:PL (= 3PL) |

The verbal forms above may be associated with a T specified only for number, with the person information being provided in the morphological component by redundancy rules, as illustrated below.
(70) cantar 'to sing': indicative present

| Valuation of T in the <br> syntactic component | Addition of [person] in the <br> morphological component | Surface form <br> of the verb |
| :--- | :--- | :--- |
| $\mathrm{N}: S G$ | $\mathrm{~N}:$ SG; P: P:1 | canto |
| $\mathrm{N}:$ default | N:default; P:default | Canta |
| $\mathrm{N}:$ PL | $\mathrm{N}:$ PL; P:default | Cantam |

In other words, person features in BP may be dissociated features in the sense of Embick (1997).

If T has only a [number] feature and it is valued as singular in the syntactic component, it will later be associated with first person in the morphological component; if the number feature receives any other value in the syntactic component (default or plural), it will later be associated with a default value for person (third) (cf. NUNES, 2007).

Now, let us consider the personal infinitive paradigm in BP in (71):
(71) Verbal agreement paradigm in (Colloquial) Brazilian Portuguese infinitives (cantar)

| eu 'T' | cantar | P: default; N:default (= 3SG) |
| :--- | :--- | :--- |
| você 'you (SG)' | cantar | P:default; N:default (= 3SG) |
| ele 'he' | cantar | P:default; N:default (= 3 SG$)$ |
| ela 'she' | cantar | P:default; N:default (= 3SG) |
| a gente 'we' | cantar | P:default; N:default (= 3SG) |
| Nós 'we' | cantarmos | P: 1; N:PL |
| vocês 'you (PL)' | cantarem | P:default; N:PL (= 3PL) |
| Eles 'they (MASC)' | cantarem | P:default; N:PL (= 3PL) |
| Elas 'they (FEM)' | cantarem | P:default; N:PL (= 3PL) |

It seems that, in terms of features, the personal infinitive is like the finite T in BP , in which post-syntactic rules will work:
(72) cantar 'to sing': infinitive

| Valuation of T in the <br> syntactic component | Addition of [person] in the <br> morphological component | Surface form <br> of the verb |
| :--- | :--- | :--- |
| $\mathrm{N}: \mathrm{PL}$ | $\mathrm{N}:$ PL; P:1 | cantarmos |
| $\mathrm{N}:$ default | $\mathrm{N}:$ default; P:default | cantar |
| $\mathrm{N}: \mathrm{PL}$ | $\mathrm{N}: P L ;$ P:default | cantarem |

As we saw above, inflected infinitives can occur with raising predicates in:
(73) e as maquinonas parecem elas mesmas terem adquirido propriedades... and the machine.pl seem. 3 pl they themselves to bave. 3 pl acquired properties (omnilandia.blogspot.com/2006/12/cine-lberto-pulse.html) '...and the big machines themselves seem to have acquired properties...'
(74) Pareciam eles mesmos estarem dentro de uma, coisa estranha ... Seem.3pl they themselves to be.3pl inside of one thing strange (diversoeavesso.blogspot.com/2006_08_01_archive.html '(they) themselves seem to be inside one, what a strange thing...'

Szabolsci (2008) argues that Nominative overt subjects are possible both in raising and control clauses in some languages, with the following distribution:

|  | overt nominative subjects in <br> infinitival raising complements |  |  |  |  | overt nominative subjects in <br> infinitival control complements |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | yes | possibly | no | yes | possibly | no |  |  |  |
| Hungarian | $*$ |  |  | $*$ |  |  |  |  |  |
| Italian | $*$ |  |  | $*$ |  |  |  |  |  |
| Spanish | $*$ |  |  |  | $*$ |  |  |  |  |
| Br. Portuguese | $*$ |  |  |  | $*$ |  |  |  |  |
| Romanian | $*$ |  |  |  | $*$ |  |  |  |  |
| M. Hebrew | $*$ |  |  |  | $*$ |  |  |  |  |
| Russian |  | $*$ |  |  |  | $*$ |  |  |  |
| Finnish |  | $*$ |  |  |  | $*$ |  |  |  |
| English |  |  | $*$ |  |  | $*$ |  |  |  |
| French |  |  | $*$ |  |  | $*$ |  |  |  |
| German |  |  | $*$ |  |  | $*$ |  |  |  |
| Dutch |  |  | $*$ |  |  | $*$ |  |  |  |

Quadro 1: overt nominative subjects in infinitival raising/control complements

She argues that such DPs need not be rescued by some kind of default case or by infinitival inflection in the Portuguese sense.

Based on the availability, in some languages, of lower readings for the controller in control and raising structures, for example in sentences as in (75)-(76), which shows that the DP is in the infinitival complement, she proposes a multi-agreement parameter (77):
(75) Ha iniziato a ricevere buoni incarichi solo lei / solo Maria.
began. 3 sg prep receive-inf good roles only she / only Maria
*HIGH reading `Only she/Maria went from not getting good roles to getting good roles" LOW reading `It began to be the case that only she/Maria was getting good roles"
(76) Non vuole andare solo lui a Milano. (no pause before a Milano) not wants go-inf only be to Milan
*HIGH reading 1 `Only he doesn"t want to go to Milano" *HIGH reading 2 `Not only he wants to go to Milano" -
LOW reading: He doesn"t want it to be the case that only he goes to Milano"
(77) Multi-agreement paramenter (SZABOLSCI, 2008, p.5)

Similarly to cross-linguistic variation in negative concord, languages vary as to whether a single finite inflection may share features with more than one nominative DP.


Although she cites Brazilian Portuguese in the table above, the data I have demonstrate that this cannot be the case for BP, since, as we saw, infinitives which are embedded in control structures can be inflected, besides being disjoint in reference with respect to the upper subject.

However, this matter deserves further investigation.

## 7 Conclusion

In this paper, I argued that BP's lack of clitic climbing is due to the fact that the language does not have the Romance syntactic complex predicate evidenced by constructions as Faire + Infinitive structures, compound tense periphrases and restructuring in the other Romance languages.

As a consequence, BP not only lacks clitic climbing but also allows
other phenomena: the presence of focused subject pronoun and the presence of negation between verbs in restructuring and compound/ periphrastic tenses. Besides that, BP lacks ECM, and allows for the presence of nominative subjects+inflected infinitives in control (and volitional) structures, and in factive and epistemic structures where there is disjoint reference.

My analysis focuses on the feature make-up of the non-finite C-T system in these structures, which will disallow (or allow) complex predicate formation, as a way of explaining why Brazilian Portuguese is different from the other Romance languages in this respect.

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## SOBRE A AUTORA

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[^1]:    ${ }^{3}$ There is a (semantic and structural) difference between these two classes of verbs (cf. GUASTI, 1993; FELSER, 1999), but this will not be capitalized here.

[^2]:    ${ }^{4} \mathrm{~A}$ phase is CP or $\nu \mathrm{P}$, but not a TP or a verbal phrase headed by H lacking $\varphi$-features and not entering into Case/agreement checking (cf. CHOMSKY, 2000), but see also Legate (2003), den Dikken (2007), Biberauer \& D'Alessandro (2006) for discussions on the notion of phase.

[^3]:    ${ }^{5}$ Alboiu (2006) relates the EF to a 'nominal deficiency', $u \mathrm{D}$. I assume that due to the character of the probe here, the goal must have a nominal/verbal feature and the probe/goal relation forms a complex predicate.
    ${ }^{6} \grave{a}$ is inserted as a Case licenser (cf. ROBERTS, 2008).

[^4]:    ${ }^{7}$ That is, clitis are $\varphi \mathrm{Ps}$, lacking both D-features and Case features.
    ${ }^{8}$ Roberts (2008)'s formulation is:
    (i) A goal G is defective iff G's formal features are a proper subset of those of G's Probe P.
    ${ }^{9}$ Roberts (2008) assumes that incorporation is a regular instance of movement, but triggered by Agree instead of EPP or an EF.
    ${ }^{10}$ Both in Roberts' and in my account, the auxiliary is a probe for the clitic, hence, if "only phase heads can be targets for cliticization" (cf. above) the auxiliary has to be a phase head and have phi-features, although lacking an external argument, and not being responsible for Case (see definition of "phase" above). It acts as a "normal v*" (in the case of have+aux), an assumption not at all implausible if we think of HAVE as being composed by BE + a preposition, in the lines of Kayne (1993), where the preposition would bear the Case features which values accusative in the object of the transitive lexical verb in the PartP. This shows that the notion of "phase" has to be broadened to include auxiliaries (v) in periphrastic constructions (and passives), ie. to include complex predicates. See also Cyrino (2009).

[^5]:    ${ }^{11}$ Raposo $(1986,1989)$ treat - ras a true, displaced complementizer, in complementary distribution with que. Kayne (1999) also develops an analysis that expresses the relationship between infinitivals and the prepositions $d e / d i$ via movement. (These prepositions will attract the infinitival to [spec, CP] in structures like Jean a essayé de chanter). Cf. also the 'prepositional complementizers' in Rizzi (1982, ch. 3).
    ${ }^{12}$ See Alboiu (2006) and references therein, for whom non-finite $C$ lacks phi-features, but the unique A-related probe it passes on to T is the EF (a 'nominal deficiency').

[^6]:    ${ }^{13}$ Roberts (2008) also assumes this extra layer for infinitives in restructuring configurations, in order to explain the enclisis/proclisis possibilities. He follows Cardinaletti \& Schlonsky (2006), by assuming that Italian infinitives have an -e in complementary distribution with enclitics.
    ${ }^{14}$ "The -se/-re ending derives from an old locative case form... from this situation of representing the goal in a goal oriented verbal meaning, the infinitive would have spread to the expression of pure verbal content due to its lack of person, number, case, tense, and voice marking in the form of an object to $\mathrm{V}_{1}$." (Wanner, 1987, p. 302).
    ${ }^{15}$ As pointed out by Wanner (1987, p. 308).

[^7]:    ${ }^{16}$ Galves (2002) and Galves, Torres-Morais and Ribeiro (2005) point out that this is evidence that BP are V-clitics.

[^8]:    ${ }^{17}$ This proposal goes in the direction of some recent proposals for T in some Romance languages: cf. Mensching \& Remberger (2005)'s proposal for both finite and infinitive T's in some old and present Romance languages.

[^9]:    ${ }^{18}$ In EP we can have a focus pronoun+mesmo ('he himself'):
    (i) lá levou o Porsche direito até final, onde mais tarde tentou ele mesmo solucionar o problema. (www.velocidade.online.pt/noticias2002/montanha/24062002_1.htm)
    Crucially, the construction with focus is impossible if there is a complex predicate $=$ clitic climbing):

[^10]:    ${ }^{19}$ Gonçalves (1999) states that ECM verbs do not form complex predicates in EP. Therefore, we could not expect them to form complex predicates in BP. But the fact is that in BP there is no ECM constructions has to be explained.

[^11]:    ${ }^{20}$ My proposal is close, in essence, to what has been advance for BP in Pires (2002) for infinitives in BP and Pires (2001) for TP-defective and clausal gerunds in English.

    Pires (2002) observes that (inflected and non-inflected) infinitive clauses need to occur in a Case-checking position in dialects with inflected infinitives (EP, see RAPOSO, 1987). That requirement also holds for the now uninflected infinitives of ColBP, where the relevant distinction is only that an overt non-ECM subject can occur without overt morphology in the infinitive.

    Pires $(2001,2007)$ identifies a class of TP defective gerunds which with respect to their tense properties are very similar to ECM infinitives, and hence he proposes that the null subject with obligatory control properties of clausal gerunds can be analyzed as the result of A-movement. In these clausal gerunds, $\mathrm{T}^{0}$ is phi-defective, but it can still attract its subject DP to satisfy its EPP requirement, as in instances of $T_{\text {def }}$ (phi-defective $T$ ) in infinitives.

