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AT LEAST TWO SI'S*

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1. INTRODUCTION

subject is present. subject si is transformationally inserted when a Pro or first person plural si and reflexive si are not identical syntactically or semantically, but Italian is their phonetic shape. Furthermore, I show that indefinite tinguish between the two clitics, concluding that the indefinite subject of the phonetic identity of these two clitics, linguists have often quesclitic is phonetically identical to the third person reflexive clitic. Because rather that their only common point in a synchronic³ grammar of In this paper I present a list of syntactic and semantic facts which distioned whether the two si's are best analyzed as identical or distinct.2 Indefinite subject sentences in Italian usually employ the clitic si.1 This

ing type: Included among indefinite subject sentences are examples of the follow-

- Ξ Si mangia bene qua.
- Si guarda le donne la domenica. 'One eats well here.'

છ

- 3 'One watches women on Sunday.'
- Si guardano le donne la domenica. 'One watches women on Sunday.'
- **£** Le donne si guardano la domenica.4 'One watches women on Sunday.'
- <u>(5</u> Ci si sveglia troppo presto in campagna.⁵
- <u>6</u> 'One washes up too early in the country.'
- Si deve far sacrifici quando si è medici 'One has to make sacrifices when one is a doctor.'

and the embedded sentences in:

3 Bisogna essere accorti 'It's necessary to be careful.'

⊛ Quel film fa piangere.

'That film makes people cry.'

tions are justified in Napoli (1973) and will not be justified here. the ci si of (5) is in a reflexive indefinite subject sentence. These assump-In specific, I assume that (2), (3), and (4) are syntactically related and that

illustrate the fact that these factors are typical of the whole reflexive clude first person singular examples as well as third person examples to and reflexive sentences. Among the examples of reflexive sentence I inclitic paradigm and not just of the third person. Listed below are distinguishing factors of indefinite subject sentences

2.1 With Direct Object

with reflexive clitics, thus expressing a particular sense of intimacy or intensity on the part of the subject.6 When there is a direct (ie, accusative) object, many predicates can appear

Mi guardo Pia allo specchio.

'I'm looking at Pia in the mirror.'

this special sense of intimacy or intensity: reading very similar to that of the sentence with the clitic but without These same predicates can appear without the reflexive clitic with a

(9)b Guardo Pia allo specchio.

For the third person consider:

(10)a Carlo si guarda Pia allo specchio.

'Carlo looks at Pia in the mirror.'

(10)b Carlo guarda Pia allo specchio.

No such sense of intimacy or intensity is observed with these same predicates with indefinite si:

(11)a Si guarda Pia allo specchio. 'One looks at Pia in the mirror.'

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And if si does not appear, the sentence has a completely different reading:

Guarda Pia allo specchio.

'He/she/it is looking at Pia in the mirror.'

2.2 With Indirect Object

appear with reflexive clitics: When there is an indirect (ie. dative) object, many predicates cannot

(12)a*Mi darò un bel regalo ai ragazzi

Yersus:

(12)bDarò un bel regalo ai ragazzi

'I'll give a nice gift to the children.'

and

(13)a*Carlo si darà un bel regalo ai ragazzi

versus

(13)bCarlo darà un bel regalo ai ragazzi

'Carlo will give a nice gift to the children.'

No such restriction is observed with these same predicates with indefinite

Si darà un bel regalo ai ragazzi

'One will give a nice gift to the children.'

2.3 With Intransitive Verbs

Many intransitive verbs cannot appear with reflexive clitics:

(15)a*Mi cado facilmente.

versus

(15)bCado facilmente.

'I fall easily.'

(16)a*Carlo si cade facilmente

versus

(16)b Carlo cade facilmente.

'Carlo falls easily.'

No such restriction is observed with these same verbs with indefinite st:

(17) Si cade facilmente. 'One falls easily.'

2.4 With Parts of the Body

is a part of the body of the subject?: Certain verbs cannot appear with reflexive clitics when the direct object

(18)a *Mi alzo la mano per giurare.

(18)bAlzo la mano per giurare. 'I raise my hand to swear.'

(19)aCarlo alza la mano per giurare. *Carlo si alza la mano per giurare.

'Carlo raises his hand to swear.'

No such restriction is observed with these same verbs with indefinite si:

Si alza la mano per giurare in tribunale. 'One raises his hand to swear in court.'

2.5 With Peculiarities of Particular Predicates

avere 'have' in any of its uses as a main verb: Reflexive clitics cannot appear with certain predicates, among them

*Mi ho {paura di Giorgio. (cinque anni. un libro.

versus

(21)b 'I have a book.' Ho paura di Giorgio. 'I'm five years old.' 'I'm afraid of George.' (cinque anni. (un libro.

> (22)a'Sara is afraid of George.' 'Sara has a book.' Sara ha | paura di Giorgio. *Sara si ha | paura di Giorgio. 'Sara is five years old. (cinque anni. (un libro. (un libro. (cinque anni.

No such restriction is observed with these same predicates with indefinite

(23) Si ha | paura di Giorgio 'One is five years old.' 'One is afraid of George.' 'One has a book.' (cinque anni.' (un libro.

2.6 Passive Voice

Reflexive clitics cannot appear with passive verbs

(24)a*Mi sono giudicata dal prete.

versus

(24)b (25)aSono giudicata dal prete. *Carlo si è giudicato dal prete 'I'm judged by the priest.'

Carlo è giudicato dal prete.

'Carlo is judged by the priest.'

No such restriction is observed with indefinite si:

(26) Si è giudicati dal prete. 'One is judged by the priest.'

2.7 Clitic Order

Accusative clitics follow reflexive clitics:

(27) Me la compro. ref. acc.

'I'm buying it for myself.

(28) Se la compra. ref. acc.

'He/she is buying it for himself/herself.'

Accusative clitics precede indefinite si:

(29)Lo si dice.

'People say that.'

Il sale, lo si compra dal tabaccaio. 'Salt, one buys it at the tabacco shop.'

2.8 Number Agreement of Finite Verb

not their direct object: With reflexive clitics finite8 verbs agree in number with their subject,

(Io) mi compro le mele 'I buy myself apples.' sing. plural

and not

(31)b*(Io) mi compriamo le mele

Dario si compra le mele. sing. plural.

*Dario si comprano le mele 'Dario buys himself apples.'

plural plural

direct objects9: With indefinite si finite verbs optionally agree in number with full NP

Si compra le mele qui plural

Si comprano le mele qui 'One buys apples here.' plural

obligatorily agrees in number with partitive objects replaced by the clitic And in many varieties of Italian the verb in indefinite si sentences (almost)

> both choices are equally acceptable. many speakers, while for others legge is preferred, and for still others ne. Thus in (34) leggono (plural) is strongly preferred to legge (sing.) for

Maria: Nessuno legge giornali giapponesi in Italia. Dario: Ma sbagli; eccome che se ne leggono/legge. 'No one reads Japanese newspapers in Italy.' 'But you're wrong; certainly one reads them.'

2.9 Human Subjects

jects¹⁰: Reflexive clitics can appear with predicates that exclude human sub-

(35)a Gli uccelli si nettano le piume. 'The birds are preening themselves.'

Indefinite si never appears with such predicates11.

*Ci si netta/nettano le piume 'One preens ones feathers.' sing. plural

However, the surface subject of such a verb may be human in a passive 'to sting' in its literal meaning excludes human subjects in deep structure. Note that this exclusion involves surface subjects only. Thus pungere

(36)a Sono stato punto dall'ape. T've been stung by the bee.

Likewise, indefinite si can appear with pungere in a passive sentence:

Nell'apiario se non si fa attenzione, si è punti subito. 'In the apiary if one doesn't pay attention, one is stung imme

2.10 Subject Pronouns

as the reflexive pronoun: and that nominative pronoun must have the same person and number Reflexive clitics can appear in the same clause as a nominative pronoun

(3 (3 (3) Io mi pento di questo. 'I repent this.'

Lui si pente di questo

'He repents this.'

Indefinite si cannot appear with nominative pronouns other than noi

*Io si va?

*Tu si va? *Lui/Lei si va?

*Voi si va?

*Loro si va?

Noi si va? 'Shall we go?'

The noi si combination is found only with indefinite si, never with reflexive

(40)a*Noi si pente di questo.

Noi ci si pente di questo 'We repent this.'

2.11 Clitic Climbing

embedded verb in (a) to the matrix verb in (b) below13: There is a rule of Clitic Climbing in Italian which moves 12 lo from the

(41)aImparo a leggerlo.

L'imparo a leggere.

'I'm learning to read it.'

(42)aPia impara a leggerlo.

Pia l'impara a leggere

'Pia is learning to read it.'

in sentences like the following¹⁴: Clitic Climbing cannot move reflexive clitics for many speakers of Italian

Imparo a dominarmi.

*Mi imparo a dominare.

'I'm learning to master (ie. express) myself.

Pia impara a dominarsi

*Pia si impara a dominare.

'Pia's learning to master herself.'

when followed by a plus an infinitive for these speakers. Thus reflexive si is never found cliticized to a finite form of imparare

Indefinite si, however, can so appear:

Si impara a dominare.

'One learns to dominate.'

and never:

(45)b *Impara a dominarsi

case it is not a variation on (45a). unless (45b) is read as having has its surface subject deleted15, in which

3. EXPLANATIONS OF THE FACTS IN SECTION 2

si both arise by way of reflexivization. examining the problems that arise if we say that indefinite si and reflexive determine the source of indefinite si. Let us now go through that list and indefinite si given in Section 2 above is not exhaustive in any sense, but it is representative of the kinds of facts one must look to in trying to The list of syntactic and semantic differences between reflexive clitics

3.1 With Direct Object

or an accusative, since the particular predicate in (11) lacks a prepositional zation, then at the time the rule Reflexive applies, there must be two In (11a), however, indefinite si appears. If this si arose by way of reflexivisentence but one that is 'uncolored' emotionally (as in (9b) and (10b)) of interest (see footnote 6) giving the sentence its tone of emotional In (9) and (10) the role of direct object is filled with a nonreflexive NP only possible candidate for the dative in (11a) would be si. Yet si in phrase. But, surely, if one of the coreferential NP were a dative, the One of these coreferential, or identical, NP's must be either a dative 'identical' (for the purposes of the specific rule Reflexive) NP's present. 16 intensity. If this clitic does not appear, we still have a fully grammatical The reflexive clitic in these sentences functions as a 'colloquial' dative

(11a) cannot be a dative, since if it were, it would be a dative of interest, identical to the si of (10a). But (11a) lacks the special reading of intensity attached to sentences with such datives. Furthermore, if si is not present, the S has a very different reading (as in (11b)), while with the dative of interest, the sentences with and without it are still very close in meaning (compare (9a) to (9b) and (10a) to (10b)). Thus (11a) does not involve coreference with a dative NP.

The alternative is that the coreference in (11a) involves an accusative NP. But any explanation of (11a) involving two identical NP's (and thus involving the rule Reflexive) of which one is an accusative is inadequate because of sentences such as:

(46) In Italia si considererebbe te ricca.

'In Italy one would consider you rich.'

The direct object NP here, te, is second person. Thus if Reflexive had operated, we would have expected that the NP coreferential with te would also be second person, yielding some ungrammatical sentence such as:

(47) *In Italia ti considereresti/considererebbe te ricca.

Since we would wish to generate the indefinite si of (11a) and that of (46) in the same manner, Reflexive cannot have applied to (11a).

Thus indefinite si in (11a) does not arise by way of reflexivization involving a dative object. Furthermore, indefinite si in any sentence can not arise by way of reflexivization involving a direct object (as (46) shows). Rather, I propose that si is a marker on the verb telling us that the subject of this sentence is a special indefinite subject whose features are distinct from those of other subjects. 17, 18 With this explanation we need not propose any special way to have Reflexive apply to (11a), where no two coreferential NP's are present, but to (9) and (10) only if two coreferential NP's are present. That is because Reflexive does not apply to (11a) at all.

3.2 With Indirect Object

Again a serious problem with saying that the si of (14) arises by way of Reflexive is found in sentences involving nonthird person dative objects, such as:

(48) Si darà un bel regalo a voi altri.
'One will give a nice gift to you.'

We have already seen in 3.1 above that indefinite si cannot arise by way of reflexivization involving direct objects. Now we see that the si of (48) cannot be the result of reflexivization involving the indirect object, since voi altri is second person plural and if there were another NP coreferential with it in the sentence we would expect it, also, to be second person plural. But the second person plural clitic is vi, not si. Thus indefinite si does not arise by way of reflexivization involving indirect objects in (14) or in any other sentence. Once more the explanation that si is a marker on the verb for the indefinite subject accounts for the facts without requiring any ad hoc way of making Reflexive apply to (14) but not to (12a) and (13a).

3.3 With Intransitive Verbs

Reflexive clitics do not appear in (15a) and (16a) because, except for a handful of exceptions, ¹⁹ reflexive clitics do not appear with intransitive verbs. This is precisely because reflexive clitics play an object role in the sentence and intransitive verbs usually do not have an object, except, perhaps, a prepositional one. In (15a) and (16a) there is no preposition for which the reflexive clitic could serve as an object. Thus these sentences preclude reflexive clitics. Indefinite si, however, is fine with intransitive verbs, even though any attempt to derive the si in a sentence such as (17) by way of reflexivization would run into not only the problem of which object role si plays, but also which NP it is identical with for the purposes of Reflexive. Again if si is a verbal marker of the indefinite subject, the facts in 2.3 are accounted for.

3.4 With Parts of the Body 3.5 With Peculiarities of Particular Predicates 3.6 Passive Voice

In Sections 2.4, 2.5, and 2.6 we find restrictions on the appearance of reflexive clitics which are very difficult to explain. Why reflexives do not appear with alzare la mano, as in (18) and (19), but do appear with rompere la gamba, ²⁰ as in

- (49)a Mi sono rotto una gamba. 'I broke a leg.'
- b Carlo si è rotto una gamba. 'Carlo broke a leg.'

is not at all obvious. Likewise, the fact that avere, in any of its uses as a main verb, does not allow reflexive clitics is a difficult fact to explain. And, finally, the fact that reflexives do not appear with the passive voice still awaits a satisfactory explanation, since proposals such as cross-over constraints (Postal 1971) have been called into question (Postal 1972, among others). And even if some such sort of cross-over constraint is involved, probably the constraint is limited to very specific environments.

In any case, whatever mechanisms are needed to account for the exclusion of reflexive clitics in Sections 2.4 through 2.6, we know that they are difficult to describe. If we add the restriction²¹ that these constraints against the appearance of reflexive clitics do not apply if the reflexive clitic is indefinite si, not only are we complicating further these constraints which we do not understand, but we also are losing sight of the significant generalization that, although all three sets of facts are very different and call for very different constraints, indefinite si is an exception to all. If, instead, indefinite si is not a reflexive clitic, we need not list it as an exception. The constraints simply do not apply to indefinite si.

3.7 Clitic Order

give reasons for particular orderings is overwhelming (Szabo 1974, and since their existence is not well supported (except, perhaps, for agree tactically. Since such global devices are a powerful addition to grammars Reflexive all clitic si's generated by it should be indistinguishable synreflexive si even after Reflexive has applied. But after the application of arises from a deep structure distinct from any deep structure yielding device since it requires us to keep track of the fact that indefinite si they precede.²³ This exception on the ordering statement is a global follow reflexive clitics except for the reflexive clitic indefinite si, which If indefinite si is a reflexive clitic we need to say that accusative clitics regardless of other syntactic and semantic aspects of any given sentence. for such facts.²² Thus accusative clitics follow reflexive clitics in Italian, constraints like those developed in Perlmutter (1970) seem to best account have to come in one order and not another. Rather, surface structure clusive. As far as I can see, there is no intrinsic reason why clitics should Wanner 1974, Dinnsen 1972, among many others) and uniformly incon-The literature on clitic order in the Romance languages which tries to

ment phenomena, as discussed in Andrews 1971, Andrews 1973, and Napoli 1975, among others), this exception to the clitic ordering statement is very dubious. If, instead, indefinite si is not a reflexive clitic, there we can maintain the simple statement that accusative clitics follow reflexive clitics and add the statement that accusative clitics precede indefinite si, which is distinct from all other clitics.

3.8 Number Agreement of Finite Verl

si is not a reflexive clitic, then no such problem arises. The number solutions of this sort are to be avoided if possible. If, instead, indefinite sentences since indefinite si is distinct from all other clitics agreement rule can treat indefinite si sentences in a distinct way from other between the sources for the two si's. As we argued in 3.7 above, global it to look back to some stage before Reflexive to see the distinction must have a global condition on the number agreement rule which allows to maintain the proposal that indefinite si is generated by Reflexive, we ment. Since the two si's are treated differently by this rule, in order ive si to be treated identically by the late rule of Number Agreein Italian,26 if indefinite si were the result of Reflexive, we would expect than in the presence of indefinite si. Given that Reflexive is a cyclic rule number agreement behaves differently in the presence of reflexive clitics have been removed by deletion or raising.24, 25 In 2.8 we find that applied, because of the fact that we do not find it on verbs whose subjects the reflexive clitic indefinite si and the regular reflexive clitic reflex-Number agreement of verbs must be a late rule, after all cyclic rules have

3.9 Human Subjects

The fact that indefinite *si* appears only with predicates that allow a human surface subject can be handled by either analysis. If indefinite *si* arises by way of Reflexive, then we can explain the fact that with predicates excluding human surface subjects we never understand a clitic *si* as an indefinite subject because of a semantic interpretation rule which operates on the surface structure (to pick out *si* and the predicate which excludes human subjects) and looks at the deep structure (to note the origin of the *si*), as well. If indefinite *si* does not arise by way of Reflexive, we need no such interpretive rule. Indefinite *si* simply does not insert with such predicates, since their surface subject is not Pro or *noi*. Thus the analysis

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which says that indefinite si is not a reflexive clitic can account for the semantic nature of the predicates it appears with in a more simple way, and thus, in a preferable way.

3.10 Subject Pronouns

either first person plural (which can appear with or without si) or a prois due to the fact that the surface subject in an indefinite si sentence is reflexive clitic si is third person, not first? If indefinite si is a verbal person plural pronoun, the permissible nominative pronoun when the nominative pronouns other than noi is a mystery. Why is noi, the first pronoun with exactly the features of Pro.28 Thus (50) and (51) are transnouns, may undergo Subject Pronoun Drop). The third person subject prenominal, is then spelled out as noi (which, like other nominative proobligatorily if the subject is Pro. The first person plural subject if it is cliticizes si to the verb optionally if the subject is first person plural and generic, or specific²⁷ (which must appear with si). The rule of Si Insertion marker, however, the exclusion of nominative pronouns other than noi If indefinite si is a reflexive clitic, the fact that it cannot appear with Pro, however, is not spelled out at all, since Italian has no nominative form, call it Pro, which is [+human] and third person plural indefinite. formationally related29:

- (Noi) non facciamo così
- Noi non si fa così.

'We don't act like that.'

In (50) Si Insertion has not applied; in (51), it has.30

3.11 Clitic Climbing

If indefinite si is a reflexive clitic, then the fact that it appears with imparare followed by a plus an infinitive, as in (45a), means either that the reflexive clitic indefinite si is an exception to the restriction against reflexive clitics climbing here (regardless of what kind of restriction that may be) or that the reflexive clitic indefinite si has not climbed in (45a), but rather originated in the matrix sentence. The first possibility would require a global exception on clitic climbing, like the global devices described in 3.7 and 3.8 above. The second possibility leaves us at a loss

in trying to find which NP the NP underlying si could possibly have been identical to for the purposes of Reflexive. There is no such NP available in (45a) as far as I can see. If indefinite si is not a reflexive clitic, but rather a verbal marker, however, then it can appear in (45a) because it is inserted into the matrix sentence, whose subject is Pro or first person plural. It has not climbed up from the lower sentence.

4. ANALYSIS

We saw in Section 3 that all the facts listed in Section 2 are easily explained if indefinite si is a verbal marker inserted transformationally on verbs whose subject is Pro or noi, but very difficult to explain if indefinite si is the result of Reflexive. Les us now consider what type of rule Si Insertion must be.

I propose that Si Insertion is a postcyclic rule which precedes number and person agreement of the verb. To see that Si Insertion cannot be precyclic, consider (52):

(52) Si vuole andare. 'One wants to go.'

Here Equi has applied to delete the subject of andare under identity with the subject of volere. If Si Insertion were precyclic, then Equi would have to be written so as to delete not only subjects but also the verbal marker si under identity with the matrix verbal marker si. This is a significant complication of the rule.

Likewise, if Si Insertion were precyclic, we would have difficulty explaining the nonappearance of si under the causative fare, as in

(53) Ha fatto cantare.

'He made people sing.

An ad hoc rule which wipes out indefinite si under fare would be needed. (53) also provides us with an argument against the cyclic application of Si Insertion. If si were inserted cyclically, then its nonappearance in (53) would again require an ad hoc rule to wipe out this clitic.

If, instead, Si Insertion is postcyclic, we see that Equi³¹ can apply as usual to subjects and only after Equi has applied will si be cliticized to volere in (52). Likewise (53) is no problem if Si Insertion is postcyclic. The rule which moves the verb of the sentence embedded under fare, call it Fare Attraction, applies cyclically.³² This rule also takes the

object of the higher verb: embedded subject as accusative object, dative object, and prepositional embedded subject and puts it into an object role. Thus in (54) we see the

Ho fatto cantare Gianni

- 'I made Johnny sing.'
- Ho fatto cantare l'inno a Gianni 'I made Johnny sing the hymn.'
- Ho fatto cantare l'inno a Maria da Gianni
- 'I made Johnny sing the hymn to Maria.'

is Pro or noi. In (53) after Fare Attraction the verb cantare has no subject, 33 underlying Pro subject of cantare appears, since Pro is never realized thus Si Insertion cannot apply here. Note that in (53) no trace of the an accusative object of the higher verb fare. Then in the postcycle Si Insertion will not apply since si is cliticized only to verbs whose subject Once Fare Attraction has applied to (53), the embedded subject becomes

PROBLEMS

agreement on the verb (Napoli 1973, Comrie 1975, among others). proposed here. An already well attacked problem is that of number the choice of auxiliary; the other involves impersonal verbs such as Two other very important ones come immediately to mind. One involves Undoubtedly many problems and questions remain with the analysis

essere. Thus comprare in (55) has avere, but in essere. However, if the verb has a reflexive clitic, the auxiliary is always verbs take avere, as do many intransitives. Other intransitives take The past tense auxiliaries in Italian are avere and essere. All transitive

- with the reflexive clitic it has essere.
- Ho comprato un cappello
- 'I bought a hat.'
- Mi sono comprata un cappello

'I bought myself a hat.'

only some accept avere, and then with apologies. Thus (57) is the usual form and (58) is much less frequently found, if at all: With indefinite si the auxiliary essere is accepted by all Italians while

(57) Si è pianto.

(58)

with having this rule follow the postcyclic rule of Si Insertion. Thus, and the fact that essere is used with indefinite si, an unhappy claim at there is no relation between the fact that essere is used with reflexive si while my analysis can handle the auxiliary choice easily, it claims that Since the auxiliary switch must be made very late,34 there is no problem clitics but also verbs with indefinite si switch the auxiliary to essere. the auxiliary switch rule by stating that not only verbs with reflexive I claim that indefinite si is not a reflexive clitic. Thus, I must complicate follows. However, for the reasons given in Section 3 and many others, indefinite si is a reflexive clitic, then the preference for essere in (57) An immediate question, then, is why indefinite si calls for essere. If

The second big problem is how to analyze a sentence such as

'It's necessary to go.'

8 Bisogna stare attenti

'It's necessary to stay alert.'

When bisognare takes an infinitival subject, 36 as in (59) and (60), it is never found with clitics. Thus you never get sentences such as

- (61)*Mi bisogna (di) farlo.
- T've got to do it.'
- 'He's got to do it. *Gli bisogna (di) farlo

Rather, one finds

- Bisogna che io lo faccia.
- 'It's necessary that I do it.'
- Bisogna che lui lo faccia.

'It's necessary that he do it.'

Sentential subjects of bisognare, in general, cannot be reduced by any and (60) above, respectively, tial subjects with indefinite si. Thus (65) and (66) can be reduced to (59) means to infinitivals. The exception to this statement, of course, is senten-

Bisogna che si vada. 'It's necessary to go.

TOWARDS ONE "SI"

66 'It's necessary to stay alert.' Bisogna che si stia attenti.

no subject other than that underlying indefinite si (ie, Pro or noi) can be (65) and (66) gets deleted. Note well that in many varieties of Italian The question, then, is how the subject of the embedded sentence in deleted, as (67) shows37:

*Bisogna stare attenta, Maria

feminine

'It's necessary to stay alert, Mary.'

indefinite si as for the Si Insertion analysis. Thus they do not weaken my such verbs with indefinite st. It is important to note, however, that the claim that indefinite si is not the result of Reflexive facts presented here are as much a problem for the Reflexive analysis of I have no explanation at this time for the behavior of bisognare and other

6. CONCLUSION

least two clitic si's, the reflexive one and the indefinite subject one Reflexive. Rather it is transformationally inserted postcyclically by a rule whose precise nature remains to be examined. Thus Italian has at We have seen that indefinite si cannot be the result of the application of

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writing of my dissertation, as well as Minne de Boer for comments on the disserfication of various claims. I would like to thank all the people who aided me in the si's of Italian, and, of necessity, I will refer to it repeatedly below for syntactic justidissertation (Napoli 1973). The dissertation is an extensive examination of the clitic Nespor for many suggestions and criticisms, and Giulio Lepschy for his perspicacious observations and continual encouragement. This work is in part a revision of sections of Chapters 4 and 5 of my doctora Vincenzo Lo Cascio for comments on an earlier version of this article, Marina

the subject of the sentences discussed in this paper is [+human] (see Napoli 1973) and, therefore, has a 'person'. This person is indefinite, like the subjects of the sentences below in certain contexts (see Napoli 1973): I use the term 'indefinite' rather than 'impersonal' (following Napoli 1973) since

'In Italy one goes they go to church every Sunday.

The term 'impersonal' is better used to describe sentences which do not have a personal (neither first, nor second, nor third) subject in any logical sense at any level in their derivation. Thus the verb in (ii) is third person syntactically, but this is logically truly an impersonal sentence:

'It's raining.

subject sentences in the Romance languages is enormous. I give here a representative, but in no way exhaustive, list. See Napoli 1973 for a detailed discussion of the Weizsächer (1968) Stefanini 1971. A comparison of English, French, Italian, and German is found in we find many references in traditional grammar books as well as Casagrande 1967 proposals offered in these works. On Spanish we find Babcock 1970, Beukenkamp The amount of literature on the analysis of reflexives contrasted with indefinite tuguese we find Naro 1968. On French we find Obenauer 1970, Ruwet 1970, and Lozano 1970, Otero 1972, Roldán 1971 and 1972a, and Schroten 1972. On Italian 1972, Bolinger 1969, Contreras 1966, Contreras 1972, Green 1972, Langacker 1970, Lepschy 1973 and 1974, Lo Cascio 1974, Puglielli 1970, and Wanner 1972. On Por

terized" nominals do not appear with si, as, for example, tion about the clitic si's - but never mention the fact that other "not fully charac characterized", and, thus, hope to have captured a (semantic?, syntactic?) generaliza generic world" (p. 34) are examined and compared to passive sentences and contrasted with more clearly 'active' sentences), and Parisi and Castelfranchi 1976 undergone a "divergenza nella funzione semantica e sintattica" (p. 201)), Lo Cascio 1970 (where reflexive si and indefinite si are treated as distinct pronouns which have (where they conclude that the morpheme "si always maps a nominal which is not fully 1976 (where the use of si in sentences involving a "universal, indistinct, indefinite, Many works not examined in Napoli 1973 discussing the subject include Lo Cascio

Э Fa bello.

It's good weather.

or the subjects of the sentences in (i) of footnote 1 above; thus their conclusion offers little insight into why reflexive si and indefinite si are phonetically identical).

Further reference to some of these works is given below in the text.

3 It is quite possible that a diachronic analysis, on the other hand, would relate the two s²s, thus explaining their phonetic identity. See Napoli 1973, Chapter 1 for a discussion of this question in Portuguese. history from Latin to Italian of indefinite subject sentences. See Naro 1968 for some

(with (3) being ambiguous, perhaps) (see Lo Cascio 1976 for a discussion of the semantics of such sentences). However, this distinction is of a semantic nature charac-4 (4) is a typical example of what people might call a 'passive' si sentence (see Lepsch) order (such as is found in active/passive pairs) and differing 'details' (such as the teristic of sentences which are syntactically related but exhibit differing surface word morphophonemic spelling out of agreement). Napoli 1973 argues that, while the semanthe two, according to him). Clearly Italians intuit a difference between (2) and 1974 for a discussion of sentences which are indefinite, passive, or ambiguous between would appear in different linguistic contexts, there is no syntactic evidence against tic distinctions are real between these sentences, and while these sentences probably deriving (2)-(4) from the same underlying sentence, and such a derivation, furthermore

not syntactically related. The semantic differences between these sentences are of the type typical of S's that are transformationally related (such as active/passive pairs). allows us to account for many facts which remain a mystery if these sentences are

follows up on a proposal made by Rolhfs 1949 The relation of ci si to *si si and to noi is discussed in detail in Napoli 1973, who

See Napoli 1973, ch. 2, for a discussion of this colloquial dative of interest. See

is preferred whenever the object is not coreferential with the subject, while allo speechio is used when the object is coreferential with the subject in S's such as (9)-(11). These Roldán 1972b for a discussion of such datives in Spanish. Also, Marina Nespor has pointed out to me that for some speakers nello specchio

might be; has pointed out to me that in some varieties of Italian (18a) and (19a) are acceptable. For such varieties, a better set of examples (suggested to me by Marina Nespor) lyzed, for example. With the reading given below in the text, however, (18a) and with the reading in which one lifts ones hand with the other hand because it is paraspeakers would use nello specchio. (19a) are bad. But (20) is good with precisely that bad reading. Giulio Lepschy has pointed out to me that both (18a) and (19a) are grammatical Vincenzo Lo Cascio

- *Mi adopero il naso per cercare i tartufi
- *Carlo si adopera il naso per cercare i tartufi

Si adopera il naso per cercare i tartufi.

'I use my/Carlo uses his/One uses ones nose to look for truffles.

against my claim that indefinite subject si and refexive si are two different clitics.

8 I say 'finite' have since and the formation of the same since and the same since an Note that the varieties of Italian that accept (18a) and (19a) in no way offer evidence

I say 'finite' here since nonfinite forms such as past participles must be excluded.

This is true for many Italians only if the direct object is third person:

Θ Si guarda noi donne.

Ξ *Si guardano noi donne. pl. lst person.

pl. lst person

'One looks at us women.

Facts like these are discussed and an explanation is offered in Napoli (1973). Other speakers have obligatory agreement in S's like (33b).

10 Since the first person is used for those who can speak (i.e., humans), I give no first person example here. However,

Ξ Mi netto le piume

'I'm preening my feathers

is grammatical if we have a bird speaking, as in a fairy tale, for example,

the indefinite subject is taken to be any old bird (see footnote 10 above and Lo Cascic 1974 for further comments on this point). (35b) is grammatical only if we are in the context of a group of talking birds where

clitic placement rule which has several slots available to it for depositing the clitic reflexive clitics and indefinite subject st remains regardless of what kind of rule posi is involved here is immaterial to my argument. The syntactic distinction between rent results of the operation of Clitic Placement on the same underlying structure) so that (a) and (b) would not be transformationally related, but rather be two diffein the position of the clitics in (41) and (42) or whether some other rule (such as a tions the clitics. Whether Clitic Climbing as I have described it hero is responsible for the variation

Cascio 1970, p. 201, where a semantic/functional explanation is given Examples (41) through (45a) are taken, with a few minor variations, from Lc

> 44 Why reflexive clitics can climb in some constructions but not in others is a problem discussed extensively in Lo Cascio 1970 and touched on in Napoli 1973. Many questions remain to be examined

such as: Indefinite si can, of course, be found cliticized to infinitives in other sentences

Ξ La frase deve capirsi così

'The sentence must be understood in this way.'

hold, since the presence of two coreferential NP in the deep structure of every indefinite si sentence is very unlikely) is immaterial to the application of Reflexive. Thus Whether the two identical NP's were present in deep structure or one arose by way of a copy rule (as most advocates of the Reflexive analysis of indefinite si would See Napoli 1973, Lepschy 1974, Cirstea 1972, and Lo Cascio 1976 for discussion. derivations like that in Langacker 1970 for Spanish are subject to the criticisms

which include [+human], [+plural], and usually [+inclusive] on the part of the group of people the speaker considers himself to be a member of. See Babcock 1970 and Schroten 1972 for interesting data on the problem in Spanish. See Napoli 1973 for a discussion of and syntactic evidence for these features,

See Section 3.10 below for a discussion of si in a sentence with a first person

plural subject.

19 Some of the

verbs of staying (such as starsene) and verbs of motion (such as andarsene) Some of these exceptions form the much discussed (semantic?) class consisting of An explanation is offered in Lepschy and Lepschy (in press).

constraints in question apply early in the derivation (before Reflexive, when a syntactic distinction between the source of reflexive si and indefinite si is, presumably, apparent) Whether this restriction is global or not depends on whether the ill understood

principles which govern the order of the verb's complements and those which govern the order of the clitics is given. See also Lo Cascio 1970, especially Chapter 5, where a comparison between the

agreement (for example, in many varieties of Italian it can optionally trigger past participle is not included. We is a special clitic in that it is similar to accusative clitics in some ways In accusative clitics, I'm including mi, ti, la, lo, ci, vi, le, and li. The partitive ne

Ξ Maria: Hai bisogno di comprare dei fiammiferi?

Dario: No, ne ho già comprato/comprati.

'Do you need to buy some matches?'

'No, I already bought some.'

(for example, it can come off a subject as well as off an object: where the ending on comprat- may be determined by ne) but differs in other ways

(ii) Ne vengono molti.

'Many of them are coming.'

indefinite si. This fact in no way presents evidence against my major thesis that reflexive si and indefinite si are two distinct clitics. In fact, the fact that ne follows indefinite see Napoli forthcoming). Ne as an object partitive follows both reflexive clitics and si while accusative clitics precede indefinite si is just one more way in which it differs from accusative clitics.

agreement and raising in Portuguese. Note, however, that the facts in Quicoli are not simply accounted for by calling number agreement cyclic, since there are verb forms This is not true for Portuguese. See Quicoli 1972 for a discussion of number

in Portuguese which have no number agreement, such as verbs whose subject has

extent, we would still prefer the one rule analysis to the two rule analysis, since the two rules, Number Agreement and Wipe Out, while the analysis which assumes a whose subject had been removed by deletion or raising. There are several problems out' at la later point. The environments for this wiping out rule would include verbs most simple grammar is the preferred one. Thus, even if both analyses were empirically adequate and problem free to an equal postcyclic number agreement rule calls for only one rule, with no need for Wipe Out with this analysis that I cannot go into here. However, note that this analysis requires Another possibility is that number agreement is made cyclically but then 'wiped

See Napoli 1975b for justification

Extensive justification for these claims is found in Napoli 1973.

distinct semantic properties form the subject of an indefinite si sentence: ces. There it is shown that the third person plural nonspecific subject seen in (i) has See Napoli 1973 for a comparison of indefinite subject and generic subject senten

3 In Italia vanno in chiesa la domenica.

'In Italy they go to church on Sunday.'

fically including himself and a generic one in which the speaker, specifically, may or may not be included (although he is associated somehow with the subject). The definite and specific and the most immediate reading of (ii) is generic: difference is clearer between (i) and (ii), where the most immediate reading of (i) is (50) has at least two readings: a definite specific one in which the speaker is speci-

Non abbiamo una macchina.

'We don't have a car.'

€ In Italia non abbiamo piscine come in America

'In Italy we don't have swimming pools like in America.'

questioned. However, if there are speakers who allow not st in the generic subject sentences, they are merely optionally inserting st in the presence of any first person When noi is used with si only the specific reading is allowed for the speakers I have plural subject

applies only to Pro subjects, not to first person plural subjects. For many Italians (51) is not a sentence in their grammar. Their si Insertion rule

with indefinite si the unmarked person, third person, is used (see Napoli 1973). Also, the verb in (51) is third person because the person agreement rule says tha

Position also be postcyclic in order to rule art: argued for French in Kayne 1975, is immaterial to this argument. Note also that the Whether Equi is cyclic, as argued for Italian in Napoli 1976, or postcyclic, as proposal that si inserts postcyclically requires that a rule such as Raising into Subject

Si sembra voler tutto.

'One seems to want everything.'

32 See Kayne 1975 for an analysis of this rule in French, and de Boer and van Tiel-D Maio 1975 for some discussion of this rule in Italian. See Napoli 1976 1975 for justification of the cyclicity of Fare Attraction for Italian. and Cinque

inserts only when Pro is to the left of the VP. Attraction. In order to keep si from inserting, then, we would need to say that si relative position to the VP), then cantare still has a Pro subject in (53) after Fare definition for subject as the NP that is immediately dominated by S (regardless of its cantare has no subject in (53) after Fare Attraction. If, instead, you use Kayne's 1975 If one uses as a definition for subject the NP to the left of the VP under S, ther

Certainly this rule applies after the late rule of past participle agreement, giver

switch gives essere. This distinction is seen in (i) and (ii): verbs that always call for essere and those that call for avere except when auxiliary that past participle agreement with indefinite si maintains the distinction between

Ξ Si è pianto. unmarked

Si è andati. 'One cried.'

 $\hat{\Xi}$ plural

'One went.'

nonappearance of the two ciities is two separate, unrelated facts unless it can be shown problem is presented by the fact that both indefinite st and reflexive clitics never two si's. Until further work is done on the auxiliary switch rule, it is impossible to which factor or property did not require any shared transformational source of the switch rule were triggered not by reflexive clitics per se, but rather by some factor or both indefinite si and reflexive clitics that the nonappearance of the two si's is due to some factor or property common to appear on the infinitive following fare in the fare construction. My analysis says this know whether on not decesive evidence exists. A parallel problem to the auxiliary property common to both reflexive clitic sentences and indefinite subject si sentences, The only nice way out of this mess for my analysis would be if the auxiliary

appear on it, as in: Note that bisognare need not take a sentential subject, in which case clitics may

Θ Mi bisognano due libri

'I need two books.'

Gli bisogna il coraggio

'He lacks the courage.

clitic in the speech of many Italians. it may be possible to argue that bisognare in the sense of 'be necessary' never takes a However, (i) is not accepted by many Italians. They prefer to use occorrere here. And the use of bisognare in (ii) is semantically distinct from that in the text. Thus,

a lower subject under bisognare under certain discourse conditions. In their speech indefinite si sentences present no special problem. For the speakers who reject (67), however, indefinite si presents a serious problem, as (59) and (60) show For some speakers (67) is good. They seem to have a rule which allows deletion of

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RIASSUNTO

La tesi principale di questo articolo è che il clitico si delle frasi con soggetti indefiniti (come Si è tutti tiguali qui) si distinque sintatticamente e semanticamente dall'omofono clitico riflessivo in un'analisi sincronica della grammatica italiana. Si mostrano sei strutture che escludono il clitico riflessivo ma ammettono il si indefinito. L'ordine dei pronomi clitici, la concordanza fra soggetto e verbo, e il collocamento dei pronomi clitici (nelle loro possibilità di movimento) aiutano a distinguere fra i due clitici si. Le restrizioni sui predicati e sui pronomi personali soggetto sono anche utili nel paragonare i due clitici. Si propone che il si indefinito si inserisca con una regola trasformazionale che differisce dalla regola di riflessivizzazione sia per l'ambiente in cui si applica sia per il suo ordine rispetto ad altre regole.