

Uluslararası Sosyal Araştırmalar Dergisi The Journal of International Social Research Cilt: 6 Sayı: 24 Volume: 6 Issue: 24 Kış 2013 Winter 2013 www.sosyalarastirmalar.com Issn: 1307-9581

A SEMIOTICS OF ASPECTS OF ENGLISH AND YORUBA PROVERBS Adeyemi DARAMOLA•

Abstract

If semiotics is often described by semioticians as the study of all significant sign systems, language becomes, as it were, the most significant semiotic of semiological systems because of its unique, innumerable, human, interactive and functional potential. On the one hand, proverbs, as a result of their metaphorical essence, become a very significant aspect of the use of language. On the other hand, they are universal and have specific cultural tools of ethnic signification. In this paper, an attempt of the analysis of the semiotics of proverbs in English and Yoruba is provided. Using Eco's concept of semiotics of Metaphor' from the semiotics perspective, the result of the analysis is an exploratory categorization of aspects of the semiotic systems of the two languages.

Keywords: Semiotics, English, Yoruba, Global Semantic Field, Metonymy, Sememe, Metaphor, Semantic Meaning.

Introduction

In the text dedicated to de Saussure (1857-1913), <u>Course in General Linguistics</u>, "semiology" is presented as a science in which "the study of the life of signs within society" is effected (Innis 1985:viii; Culler (1981). Innis expressed further the fact that language is the analytical paradigm for all other sign systems. One may see every language, therefore, as a system of signs because the sounds of any language are encoded by the speaker as signs. Its receiver or hearer decodes it as signs. Thus, the phenomenon of language becomes the instrument for the exchange of signs by its users (Daramola, 2008; 2012).

Expressing his semiotic position in his seminal book – <u>A Theory of Semiotics</u>, Eco believes that "signification encompasses the whole of cultural life." Succinctly put, he (Eco) sees semiotics as being "a-extensive with the whole range of cultural phenomena."

Perhaps the most significant aspect of language is the proverbs because of their signification of symbolisms. Proverbs are classified by many linguists as metaphor; and every theory of metaphor may be used to define the concept of proverbs. Examine a definition of metaphor by Eco (1985:251) as follows:

[•] Ph.D., Department of English, University of Lagos.

"the substitution of one element of language for another (the operation is completely internal to the semiotic circle) but by virtue of a resemblance between their referents."

Eco's definition above is concerned with the characteristic change of the plane of perception and, linguistically, the meaning of proverbs. Consequent upon such a change is the occurrence of two referents that are comparable.

Halliday (1994:340) contextualises the concept of metaphor in a similar way thus:

"Among the 'figures of speech' recognized in rhetorical theory are a number of related figures having to do with verbal transference of various kinds. The general term for these is METAPHOR" (capital letters his).

In the above definition by Halliday, proverbs are contextualised in rhetorical theory and classified as metaphor. Also important is its characterization as verbalization. Concerning its specific sense by which an item is referred to, Halliday (op.cit) contrasts it with METONYMY and synecdoche. All of the three involve a 'non-literal' use of words. Instantially in this work, proverbs are referred to therefore as metaphors.

Regarding what is literal and non-literal in language use, one may emphasise the fact that one of the aspects of the culture of the English people is the description and explanation of physical reality through science. Science is often thought to be precise and unambiguous; that is, literal. Literal language is thought to present an objective characteristic of reality. In the twentieth century philosophy, as an example, it was an important underlying assumption of picture of theories of meaning (see Russell 1956, Wittgenstein 1961 and Ortory 1981:11). It got to its peak in the theory of logical position that was used to state that reality could be precisely described through the medium of language in a clear, unambiguous and testable reality. In other words, in the expression of logical positivism, literal language was the order of the day.

The relativist view is however different from the logical positivism. The main idea of the relativist perspective is that cognition is the result of mental construction. They express the view that the knowledge of reality through whatever means (e.g. perception, language, memory) is a result of going beyond the information provided. In other words, it arises from the interaction of that information with the context in which it is presented, and with the knower's pre-existing knowledge (Sapir 1921, Whorf 1956). To the practitioners, the object world is not directly accessible, but is constructed on the basis of the constraining influence of human knowledge and language.¹

Beyond positivist and relativist's views, the study of metaphor often begins with the works of Aristotle (Ortory op.cit. p.3). In his works, Aristotle considered the general relationship of metaphor to language and its purpose in communication. His examinations of metaphor and language in <u>Poetics</u> and <u>Rhetoric</u> have remained relevant to this day. According to Sadock (1981:46-63):

In metaphor, the loans of indirection is one part of an utterance; namely a predication. The predication may be buried inside a noun phrase, as in Aristotle's example "the sunset of life" or it may be overt as in a sentence, "Life is a sunrise and a sunset". But all of these type of figures are alike in that they communicate in an indirect way what might have been communicated directly in terms of the convention of a language."

Concerning metaphor, Sadock's explanation above is concerned with its characterization in terms of indirectness. Indirectness will complement Eco's perception of metaphor as referential and Halliday's perception of transference. Following his concept of predication in metaphor as enumerated above, he asserts that 'most proverbs, I would think are like this, too. He exemplifies his thought by the use of 'Too many cooks spoil the broth", not "A supra abundance of chefs ruins the consommé to express the point-of-view that someone's help is not desired (see pp. 61-62). He concludes his assertion by conceptualizing all metaphors as belonging to "the loans of semantic change in natural language.

The Essence of Proverbs

Proverbs as an aspect of oral language remains from time immemorial until today a very powerful and effective instrument for the transmission of culture, philosophy, social morality and values and the sensibility of the people. Their values do not lie only, in what they reveal of the thoughts of the people, proverbs are a model of compressed or forceful language. Other than their powerful verbal techniques, proverbs have proved to be of great relevance to modern man. This is owing to the fact that users with gifts of creativity and are familiar with its techniques may create new ones to avoid hackneyed expressions. This point-of-view explains, perhaps, Chomskyan view that all normal native speakers are capable of generating novel sentences that they have never generated before.

In both traditional and modern contexts in the Yorubaland, proverbs fulfill social, religious, political and communicative functions. In this regard, Akporobaro and Emovon (1994, pp. 2-3) assert:

"In its general form, the proverb belongs to the wider category of figurative and aesthetically concerned forms of expressions like the metaphor, simile, hyperbole, wit and other anecdotal forms. It differs from these forms in terms of the explicit fruitfulness of what it states, and by the terseness and picturesque quality of its style and form of statement. In terms of form, the proverb is a graphic statement that expresses a truth of experience. Its beauty, and source of delight as is that what it says is readily perceived and accepted as an in controvertible truth. The truth presented in the proverbs is not a logical, a priori or intuitive truth; it is often an empirical fact based upon and derived from the peoples experience of life, human relationship and interaction with the world of nature.

The above reference to proverbs is, again, contextualised in metaphor. Although the reference is more literary than linguistic, the import of the interactional nature of proverbs, its universal and experiential relevance are notable. In a similar way to proverbs all over the world, Yoruba proverbs are products of the people's socio-cultural and geographical experience. In other words, they are used to express the forms and the situation, flora and fauna of the people according to their natural environment. The experimental reality of the Yoruba proverbs is different from those of other language groups whose geographical and socio-cultural realities differ. Proverbs are used therefore by the Yoruba people not only as a vehicle of the expression of truth, religion, morality but also dominant occupation, and other practices which reflect their day-to-day living.

In English culture, it seems that the use of proverbs has degenerated tremendously. Instead, the use of idioms has developed geometrically. A courtesy visit to the family of an English man in any part of the English world – England, Canada, United States of America, Australia etc. may generate discussions during lunch or dinner hours when an old lady or a man may remember one or two proverbs while providing an illustration of an activity as practised by her or his parents or grand parents. Among the middle age and the young ones, nevertheless, the use of proverbs is almost a forgotten exercise. Instead, they have idioms for every and all occasions and practices. The elaborate use of idioms rather than proverbs by native speakers may provide intelligibility problems to second or foreign users of English in many contexts.²

Conceptual Framework

The analysis of proverbs in this paper is based on Eco's work in which he presents metaphor as being embedded in a Global Semantic Field (GSF) – one of the main notions of his semiotic theory. This proposition is based in a subjacent chain of metonymies. His goal is to uncover 'the real linguistic mechanism' in metaphor to show how it (metaphor) may be seen as the process of unlimited semiosis – the continual generation of signs. In this regard, any metaphor which 'institutes' a resemblance between the two or more semantic spaces that it is fusing, would be definable only through the metonymic chains of association in which it is embedded and also an infinite chains of interpretants. By this is meant that metaphorical expressions are already latent in the expressive possibilities of the GSF. He (Eco) asserts:

'A metaphor can be invented because language, in its process of unlimited semiosis, constitutes a multidimensional network of metonymies, each of which is explained by a cultural convention rather than by an original resemblance" and thus a metaphor is supplied with a 'subjacent, network of arbitrarily stipulated contiguities." The contiguities can be between signifiers, between signifieds, in the code, in the co-text, and in the referent, each possibility being examined" (Innis 1985:247-249).

Eco believes that the seeming fusion of semantic spheres or semantic labyrinth is the GSF which he has constructed using his model Ross M. Quillian (Mode Q) notion of a 'semantic memory'. His assertion is, that factual judgments operate 'from the extension of language' while metaphor 'draws the idea of a possible connection 'from the intension' of the circle of unlimited semiosis.

Thus, the mechanism of metaphor is reduced to that of metonymy that relies on the existence of partial semantic fields that permit two types of metonymic relation'.

- (i) the codified metonymic relation procurable from the structure of the semantic field
- (ii) the codifying metonymic relation when the structure of a semantic field is culturally experienced.
 - (i) above implies <u>semiotic judgement</u> and
 - (ii) implies <u>factual judgements</u>.

The study is useful to this analysis in these ways. Proverbs, as metaphoric expressions or as cultural discourse, are codified on semantic or identifiable semantic structures. Also, the aesthetic nature of a given metaphor is also produced by contextual elements or variable of language use.³



Where the horizontal line constitutes a paradigm of different samemes and the vertical lie constitutes relation from sememe to seme or semantic mark (k is a semantic mark of A; obviously, according to the model Q, k can become in its turn a sememe k to be analysed through other semantic marks. For example, k is a seme of another sememe; namely D. This is a case of metaphor in proverbial expressions. In other words, when A shares some property of B even when both of A and B do not belong to the same biological make-up, A can be substituted for B with regard to the property that they share. A is said to be in the place of the other, that is B, by virtue of a mutual resemblance. Such a resemblance is owing to the fact that there exist already fixed relations of institutions which, in some way or the other, until the substitute entities to those substituted for. All of these attributes are examined in the next section.

Data Presentation

In this section, twenty proverbs each are presented for English and Yoruba respectively. The Yoruba proverbs attract translation processes of one-to-one correspondence and equivalents while English ones do not.

English Proverbs.⁴

- 1. A swarm of bees in May is worth a load of hay, but a swarm in July is not work a fly.
- 2. Two blacks do not make a white.
- 3. Birds of a feather flock together.
- 4. The blood of the martyrs is the seed of the church.
- 5. A burnt child dreads the fire.
- 6. Busiest men find (or have) the most time (or leisure)
- 7. When the car is away the mice play (or will, or may, play).
- 8. Cleanliness is next to godliness.
- 9. Every cloud has a silver lining.
- 10. There's a divinity that shapes our ends, rough-hew them how we will.
- 11. The way to an Englishman's heart is through his stomach.
- 12. Many a flower is born to blush unseen.
- 13. Gather ye rosebuds while you may.
- 14. Those who live in glass houses should not throw stones.
- 15. When Greek meets Greek, then comes a tug of war.
- 16. A green Christmas (or Yule, or writer) makes a full (or far) churchyard.
- 17. Hell has no fury like a woman scorned.
- 18. Lancashire thinks today what all English will think tomorrow.
- 19. Omelets are not made without breaking (or breaking of) eggs.
- 20.Table came of the pence, and the pounds will take care of themselves.

Yoruba Proverbs ⁵ 1. Kekere la ti n peekan iroko, b tori bi o ba dagba tan ebo nii gba small we +PROG. care iroko, because COMP. It aux. good furnish sacrifice it accepts. An evil habit is easily subdued in the beginning, but when it becomes incurable it gains strength. Eni to teyin o', l'agbado, eni la'gbado o' leyin. 2. who poss teeth a maize' who poss. maize NEG. teeth. He who has teeth is without bread and he who has bread is without teeth. Eni l'eku mejo a' po'fo 3. who poss mice two will lose He who follows two hares is sure to catch neither. Eni Sango toju e wole' ni b'Oya lekee. 4. who Sango witness him enter god VB PART.ova fake. He who has had a bad experience is afraid. 'Ee' yan won' 5. human rare men are rare. 6. Ohun to' wu' o' 'o' wu mi, l'omo iya mejo se n jeun lototo'. what PART. interest you NEG. interest me' PART. child mother and VERB do PROG. eat separate All men do not admire and love the same objects. B' eti ' o' gbo' yinkin' inu' ki' 'i' ba'ye. 7. If ear NEG. hear bad news stomach NEG. spoil What the ear doesn't hear, the heart doesn't grieve. A ki i dajo enikan ki a sore nu 8. we NEG. settle-case' one PART. we lose friend away Don't pronounce sentence till you have heard the story of both parties. 9. 'A'a bo' 'oro' la a so f'o mo huabi, bi o ba denu e; a a di odidi. half word we say PREP. good birth PART. it enter stomach it become whole A limit suffices for the wise. 10. Iku ya je sin death better more ridicule. An honourable death is better than an ignominious life. B'iro ba lo logun odun, ojo kan soso loo to' o o baa 11. PART. lie AUX. go PART. twenty year day one only PART. truth will meet it. Though a lie may be swift, truth overtakes it. 12. 'Okeere l'omo iya dun distance PART . child mother sweet. Respect is greater at a distance. 13. 'A i si nile ologinni; ile dile' ekute NEG. be PART . house cat house PART. house rat. When the cat is away, the mice will play. 14. Ogbon jagbara wisdom PART. strength skill surpasses strength. Suuru baba iwa 15. patience father character Patience excels character. 16. Ogun l'ave'

war PART. earth

- 104 -

- 105 -

Life is warfare.

- 17. Inu ikoko' dudu l'eko funfun ti n' jade inside pot black PART. pap white PART. PROG. outside. A great man often steps forth from a humble cottage.
- 18. B' a 'o ku ri a' 'o sun ri?If we NEG. die ever we PART sleep ever.What is sleep but the image of cold death?
- 19. 'O osa to' n gbe 'ole 'o si, ise owo emi ni ngbe ni deity PART. PRO. assist lazy NEG. exist work hand person PART. assist one. No deity assists the lazy one, it is one's hardiwork that supports one.
- 20. Ina esisi ki i joni le'emeji fire mistake PART. burn person 'twice once beaten, twice shy.

S/NO	GNS	METONYMY	SIGNIFICANT	F.J or S.J	M. Q
1.	comparison and change	bees vs hay unrelated	climatic may/July	semiotic	unlimited
	·· · · · · · · · · · · · · · · · · · ·				sememes
2.	comparison numeration	blacks vs white	race	linguistic	limited
		opposite	ethnicity		sememes
3.	comparison	birds vs feather	morality	linguistic	limited
	similarity	part-whole	agricultural		sememes
4.	comparison	blood-marty	seed	semiotic	unlimited
	religion	un-related	agriculture		sememes
5.	comparison	child-fire	fear	linguistic	limited
	accident	unrelated	event		sememes
6.	comparison	men-time	leisure	linguistic	limited
	possession	related	event	_	sememe
7.	comparison	cat-mice	leisure	linguistic	limited
	absence	opposite	event	-	sememe
8.	comparison	clean-dirty	health	linguistic	limited
	religion	opposite	event	_	sememes
9.	comparison	cloud-silver	morality	semiotic	unlimited
	problems	unrelated	perseverance		sememes
10.	comparison	divinity – man	helplessness	semiotic	unlimited
	religion	related	_		sememes
11.	comparison	heart - stomach	food	semiotic	unlimited
	success	part – part	paths		sememes
12.	comparison	flower - sight	birth	semiotic	unlimited
	failure	related	agriculture		sememe
13.	comparison	flower - time	work	linguistic	unlimited
	opportunity	unrelated	time	0	sememe
14.	comparison	glass – stone	morality	linguistic	limited
	choice	opposite	loaning	0	sememe
15.	comparison	Greek - Greek	meeting	semiotic	unlimited
	problem	Sameness	disagreement		sememes
16.	comparison	Christmas-churchyard	meeting	linguistic	limited
	opportunity	Related	agreement	-	sememes
17.	comparison	well – woman	morality	semiotic	unlimited
	problem	related	scorn		sememes
18.	comparison	lancashire – england	today	semiotic	unlimited
	thought	related	tomorroq		sememes
19.	comparison	omelets - egg	making	semiotic	unlimited
	creation	related	breaking		sememes
20.	comparison	pence - pounds	expenses	semiotic	unlimited
	care	related	moderation		sememes

Table 1: ENGLISH PROVERBS - ANALYSIS I

- 106 -

1.	comparison	iroko-growth related	time	semiotic	unlimited
	problem	0	small		sememes
2.	comparison	teeth-maize	fruit	semiotic	unlimited
	opportunity	unrelated	agriculture		sememes
3.	comparison	mice – loss	running	linguistic	limited sememes
	roll	unrelated	numeration	0	
4.	comparison	sango – oya	religion	semiotic	unlimited
	experience	related	event		sememes
5.	comparison	people-rarity	thought	linguistic	limited sememes
	problem	unrelated	warning	0	
6.	comparison	interest-disinterest	eating	semiotic	unlimited
	different	opposite	separation		sememes
7.	comparison	ear-stomach	news	semiotic	unlimited
	experience	part-part	hearing		sememes
8.	comparison	people-friend	case	linguistic	limited sememes
	loss	related	settlement	0	
9.	comparison	half-word-full word	saying	semiotic	unlimited
	discourse	part – whole	listener		sememes
10.	comparison	death-ridicule	honour	linguistic	limited sememes
	preference	unrelated	dishonour	0	
11.	comparison	untruth – truth	morality	semiotic	unlimited
	conduct	opposite	time		sememes
12.	comparison	distance – respect	interaction	linguistic	limited sememes
	conduct	unrelated	watch	_	
13.	comparison	cat – rat	interaction	linguistic	limited sememes
	absence	opposite	watch	0	
14.	comparison	wisdom - strength	skill	linguistic	limited sememes
	conduct	unrelated	use	_	
15.	comparison	patience – character	interaction	linguistic	limited sememes
	conduct	related	behaviour		
16.	comparison	war – living	life	semiotic	unlimited
	struggle	opposite	sight		sememes
17.	comparison	pot – pap	black	semiotic	unlimited
	endurance	related	white		sememes
18.	comparison	death - sleep	life	semiotic	unlimited
	experience	related	loss		sememes
19.	comparison	laziness – work	deity	semiotic	unlimited
	hard work	related	assistance		sememes
20.	comparison	fire – bussing	accident	linguistic	limited sememes
	experience	related	time		

DISCUSSION

On Table 1 above, column 1 consists of the Global Semantic Field (GSF) of a proverb. As can be seen from the analysis, all proverbs have the GSF of comparison followed by the underlying meaning of the proverb. Number one of Table 1, as an example, has the GSF of change. There is, no doubt, a difference between the month of May and July in the life of an Englishman. The metonymic relation of 'change' is introduced not only as a result of the months of the years but also by the multidimensional meaning of the essence of 'bees' and 'hay'. The signification of change here is weather or 'climatic' change. Its factual or semiotic judgment (in this case, semiotic) is premised on the complexity of metaphoric expression. If it is more structural, it is factual. If it is more semiotic; it is semiotic. In this instance, it is semiotic. This means that it has unlimited (i.e. complex) semiotic interpretations.

It is significant that all of numbers 1-12 (Table 1) have comparative GSF elements because all proverbs have inherent comparisons. Yet, each one has its basic resource for a separate meaning. These are change (1), numeration (2), similarity (3), religion (4), accident (5), possession (6), absence (7), religion (8), problems (9), religion (10), success (11) and failure (12). As a result of the comparisons of the GSF, all metonymic relations have paired elements (1-2) which may be unrelated (1), opposite (2), part-whole (3), unrelated (4-5), related (6), opposite (7-8), unrelated (9), related (10), part-part (11) and related (12). The column of Factual or Semiotic Judgments are either semiotic or linguistic options (1-12). Similarly the Mode Q has either limited or unlimited sememes. The same analytical pattern extends to Yoruba Proverbs on Table II.

A significant level of pattern is the differentiating elements that set apart proverbs of English and Yoruba; hence the two cultures are distinct cultures. In the months of May and July, the swarm of bees and loads of hay are significant concerning elements of change in the English man's climatic condition (see Text 1). In Text 2, there are the elements of racism in which two blacks (men) are compared to a white (man). In Text 4, the martyrdom of the Christian Church in England in particular and Europe in general is alluded to. In Text 11, a specific mention is made of the Englishman. The Englishman's love for flower is evident in Texts 12 and 13. Others are Greek (Text 15), Christmas (16), Lancashire (18), English (18), omelets (19), pence and pounds (20).

Concerning Yoruba proverbs, the African flora and fauna and religion with particular relevance to the deities are predominant. Some of these elements are untranslatable in the Yoruba cultural meaning to English. Examples are iroko (a tree) and ebo, (sacrifice in Text 1), agbado (maize in Text 2, eku (mice) in Text 3, Sango and Oya (deities in Text 4, iroko (a tree) in Text 17 and Oosa (deity) in 19.

Other than these elements of signification towards distinctive cultures in English and Yoruba, other topical issues of morality, death, destiny, scorn, time, life etc are important in the proverbs.

CONCLUSION

An attempt has been made in this work to analyse aspects of English and Yoruba proverbs by using Eco's seminal work on the 'Semantics of metaphors' from the semiotic perspective. Most importantly, his concepts of Global Semantic Field, metonymic charms of association or relation, signification, factual and semiotic judgment and Model Q have been interpreted to bring his multidimensional network of the meaning of proverbs as metaphorical expressions. I begin from the history of semiotics with reference to the father of semiotics – Ferdinand de Saussure. Efforts are made, then, to establish the fact that proverbs form a significant part of the general concept of metaphor. This analysis has shown the semiotic relevance to the interpretation of some English and Yoruba proverbs with reference to Eco's thought on the global space of meaning. In the process, I have been able to identify, also, some elements of the semiotic essence of English and Yoruba proverbs.

Notes

1. Other views may be found in anthropology, sociology, psychology, epistemology, philosophy and sciences etc.

2. Idioms differ in usage and content form one language community to another, even when the same language is concerned.

3. Both the English and Yoruba cultures share universal values but each one may be set apart from the other.

4. English proverbs are extracted from Collin's <u>A Book of English Proverbs</u>, Longman.

5. Yoruba proverbs are extracted from Ajikobi's Marina Wo Niyen Ma?, Prompt Books.

6.Iroko is usually a big tree that is significant in Yoruba's religious worship.

7.Sango is the god of iron with an enormous power in the Yoruba pantheon. It is the god of thunder and lightening.

REFERENCES

AJIKOBI, Dimeji (2002). Marina Wo Niyen Ma?, Lagos: Prompt Books.

AKPOROBARÓ, F.B.O. and Emovon, J. A. (1991). Nigerian Proverbs: Meanings and Relevance Today, Lagos: Jeromelaiho and Associates.

COLLINS, V. H. (1959). A Book of English Proverbs, Longman: Green and Co-Ltd.

CULLER, Jonathan (1981). The Pursuit of Signs, Semiotics, Literature, Deconstruction, Routledge and Kegan Paul.

DARAMOLA, Adeyemi (2004a). 'The Nature of Language' in (eds.) A.B.K. Dadzie and Segun Awonusi, Nigerian English, Lagos: Concept Publications.

DARAMOLA, Adeyemi (2004b), 'The Lexical Characteristics of Nigerian English' in (eds.) A.B.K. Dadzie and Segun Awonusi, Nigerian English, Lagos: Concept Publication.

DARAMOLA, Adeyemi (2008). 'A Child of Necessity: An Analysis of Political Discourse in Nigeria' in (ed.) Gunter Senft, *Pragmatics*, Germany, Vol. 18, No. 3.

DARAMOLA, Adeyemi (2012). 'The English Language as a Vehicle of Discourse for Development in Nigeria' in The Journal of International Social Research, Volume 5, Issue 23.

ECO, Umberto (1970). A Theory of Semiotics, Bloomington. Indiana University Press.

ECO, Umberto (1985) 'The Semantics of Metaphor' in (ed.) Robert E. Innis Semiotics, Bloomington, Indiana University Press. HALLIDAY, M.A.K. (1978). Language as Social Semiotic, The Social Interpretation of Language and Meaning, Edward Arnold.

HALLIDAY, M.A.K. (1994). An Introduction to Functional Grammar, London: Edward Arnold.

HAWKES, Terence (1977). Structuralism and Semiotic University of California Press.

INNIS, Robert E (1986). 'Introduction' to Semiotics', (ed.) Robert E. Innis, Bloomington: Indiana University Press.

INNIS, Robert E. (1985). 'Umberto Eco: An Introduction to the Semantics of Metaphor' in (ed.) Robert E. Innis, Semiotics, Bloomington: Indiana University Press.

KRESS, Gunther and Hodge Robert (1988). Social Semiotics, Cambridge: Polity Press.

ORTONY, Andrew (1981). 'Metaphor: A Multidimensional Problem' in (ed.) Andrew Ortony, Metaphor and Thought, Cambridge: Cambridge University Press.

RUSSELL, B. (1956). Logic and Knowledge, London: Allen and Unwin.

SADOCK, Jerrold, M. (1981). 'Figurative Speech and Linguistics 'in (ed.) Andrew Ortony Metaphor and Thought, Cambridge: Cambridge University Press.

SAPIR, E. (1921). Language: An Introduction to the Study of Speech, New York: Harcourt, Brace and World.

WHORF, B.L. (1956). Language, thought and reality, Cambridge: Mass M.I.T. Press.

WITTGENSTEIN, L. (1961). Tractatus Logico-philosophicus, London: Kegan Paul and Routledge