f00011:

W Fdic:							
the	: 518	and	: 301	semantic	: 275	of	: 262
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different	: 40	individual	: 40	space	: 40	by	: 39
that	: 38	object	: 38	objects	: 37	through	: 33
links	: 32	may	: 32	social	: 31	other	: 31
rules	: 31	will	: 31	relations	: 29	interactive	: 29
relation	: 29	new	: 28	some	: 27	points	: 27
lens	: 26	natural	: 24	each	: 24	process	: 23
during	: 23	humans	: 23	help	: 22	then	: 21
explanation	: 21	according	: 21	time	: 21	more	: 20
point	: 20	classes	: 20	have	: 19	community	: 19
sln	: 19	• • •	: 19	at	: 19	structure	: 19
language	: 18	system	: 18	basic	: 18	when	: 18
reasoning	: 17	languages	: 17	its	: 17	not	: 17
isb	: 17	knowledge	: 17	relevant	: 17	but	: 17
nodes	: 16	human	: 16	based	: 16	emerge	: 16
models	: 16	society	: 16	set	: 16	indicators	: 16
web	: 15	following	: 15	abstraction	: 15	one	: 15
cyber-society	: 15	into	: 15	principle	: 15	also	: 15
ai	: 15	machines	: 14	communities	: 14	symbols	: 14
such	: 14	multiple	: 14	re?ects	: 14	indication	: 14
form	: 13	this	: 13	same	: 13	richness	: 13
evolution	: 13	kn	: 13	emerging	: 13	various	: 13
ability	: 13	attributes	: 13	understand	: 13	k2	: 13
k1	: 13	research	: 12	future	: 12	if	: 12
know	: 12	has	: 12	model	: 12	items	: 11
than	: 11	networks	: 11	node	: 11	interactions	: 10
representation	: 10	they	: 10	their	: 10	interact	: 10
indicate	: 10	build	: 10	where	: 10	-rcb-	: 10
in?uence	: 10	like	: 10	facets	: 10	about	: 10
-lcb-	: 10	experience	: 9	data	: 9	out	: 9
SO	: 9	text	: 9	should	: 9	do	: 9
we	: 9	self-organized	: 9	any	: 9	two	: 9
evolve	: 9	world	: 9	level	: 8	further	: 8
change	: 8	study	: 8	complex	: 8	use	: 8
scene	: 8	human-level	: 8	levels	: 8	enables	: 8
linked	: 8	concerns	: 8	which	: 8	show	: 8
spaces	: 8	trees	: 8	fig	: 8	similar	: 8
<b>'</b> S	: 8	scenes	: 7	while	: 7	evolving	: 7
example	: 7	sense	: 7	worldview	: 7	types	: 7

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arti?cial	: 3	guarantee	: 3	emphasizes	: 3	owl	<b>:</b> 3
argues	: 3	statistical	: 3	indicating	: 3	coordinated	<b>:</b> 3
records	: 3	higher	: 3	hard	: 3	in?uences	<b>:</b> 3
shows	: 3	rebuilding	: 3	contain	: 3	imagine	<b>:</b> 3
onto	: 3	major	: 3	symbolic	: 3	autonomously	<b>:</b> 3
reached	: 3	open	: 3	bene?t	: 3	structures	<b>:</b> 3
continuous	: 3	accurately	<b>:</b> 3	determines	: 3	database	: 3
dynamically	: 3	mind	<b>:</b> 3	responsible	: 3	most	: 3
pair	: 3	analogy	<b>:</b> 3	meaning	: 3	keywords	: 3
access	: 3	situations	<b>:</b> 3	rich	: 3	establishes	: 3
?ow	: 3	resource	<b>:</b> 3	art	: 3	interacting	: 3
reading	: 3	agents	<b>:</b> 3	create	: 3	axis	: 3
adapting	: 3	formed	<b>:</b> 3	uncertain	: 3	diverse	: 3
behavior	: 3	machine-level	<b>:</b> 3	capture	: 3	author	: 3
make	: 3	cross	<b>:</b> 3	read	: 3	several	: 3
used	: 3	lower	<b>:</b> 3	49	: 3	less	: 3
apple	: 3	distinguish	<b>:</b> 3	51	: 3	become	: 3
old	: 3	indirect	<b>:</b> 3	subclass	: 3	instinct	: 3
important	: 3	automatically	: 3	previously	: 3	because	: 3
been	: 3	centrality	<b>:</b> 3	?nd	: 3	methods	: 3
support	: 3	initial	: 3	was	: 3	lifetime	: 3
composing	: 3	papers	<b>:</b> 3	generates	: 3	emerges	: 3
building	: 3	zooming	: 3	together	: 3	invent	: 2
entropy	: 2	do	: 2	program	: 2	include	: 2
stimulus	: 2	force	: 2	even	: 2	current	: 2
re?ected	: 2	learned	: 2	scienti?c	: 2	others	: 2
active	: 2	invented	: 2	implicit	: 2	usually	: 2
family	: 2	manage	: 2	tools	: 2	would	: 2
type	: 2	door	: 2	known	: 2	worth	: 2
control	: 2	share	: 2	agent	: 2	in-depth	: 2
effectively	: 2	made	: 2	needs	: 2	requirements	: 2
intelligent	: 2	description	: 2	multi-disciplinary	: 2	third	: 2
maintain	: 2	fundamental	: 2	retrieval	: 2	pointed	: 2
before	: 2	group	: 2	render	: 2	temporal	: 2
stimulus-response	: 2	writing	: 2	better	: 2	communication	: 2
freely	: 2	lies	: 2	good	: 2	enrich	: 2
try	: 2	implies	: 2	realize	: 2	document	: 2
grammar	: 2	1.	: 2	accompanies	: 2	establishing	: 2
connecting	: 2	traces	: 2	weight	: 2	doing	: 2
books	: 2	leave	: 2	undecidable	: 2	content	: 2
rn	: 2	theory	: 2	lead	: 2	completely	: 2
members	: 2	beginning	: 2	r1	: 2	created	: 2
correctness	: 2	super-class	: 2	motion	: 2	consequence	: 2
does	: 2	xn	: 2	features	: 2	probability	: 2
relate	: 2	linking	: 2	instances	: 2	carry	: 2
message	: 2	recent	: 2	contribute	: 2	focusing	: 2
recording	: 2	accessed	: 2	motivation	: 2	direct	: 2
need	: 2	viewed	: 2	documents	: 2	able	: 2
isolated	: 2	emerged	: 2	high	: 2	newell	: 2
		=		=			

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special	: 2	diversity	: 2	stronger	: 2	order	: 2
traditional	: 2	converge	: 2	indicator	: 2	x1	: 2
going	: 2	vary	: 2	scientists	: 2	synchronization	: 2
beings	: 2	years	: 2	zoom-out	: 2	contributes	: 2
textbooks	: 2	underlying	: 2	generations	: 2	actively	: 2
tend	: 2	cooperation	: 2	collaborative	: 2	creative	: 2
involved	: 2	extend	: 2	however	: 2	etc.	<b>:</b> 2
context	: 2	key	: 2	represented	: 2	factors	<b>:</b> 2
forms	: 2	i.e.	: 2	re?ecting	: 2	topics	<b>:</b> 2
generating	: 2	route	: 2	subspace	: 2	thing	<b>:</b> 2
case	: 2	expanded	: 2	changed	: 2	itself	<b>:</b> 2
primitives	: 2	education	: 2	problems	: 2	member	<b>:</b> 2
another	: 2	party	: 2	start	: 2	status	<b>:</b> 2
hand	: 2	moving	: 2	changing	: 2	interested	<b>:</b> 2
suitable	: 2	dotted	: 2	navigation	: 2	thought	<b>:</b> 2
solve	: 2	sensing	: 2	just	: 2	being	: 2
accurate	: 2	questions	: 2	coordination	: 2	heuristic	: 2
thinking	: 2	belongs	: 2	advanced	: 2	aspects	: 2
bit	: 2	color	: 2	formal	: 2	deal	: 2
arrows	: 2	organizing	: 2	users	: 2	quickly	: 2
behave	: 2	?ows	: 2	super-classes	: 2	ontology	: 2
takes	: 2	essential	: 2	range	: 2	efforts	: 2
real-world	: 2	mathematical	: 2	primitive	: 2	presence	: 2 : 2
rely	: 2	transform	: 2	generation	: 2	much	: 2 : 2
way	: 2	forming	: 2	transformed	: 2 : 2	externalizing	: 2 : 2
linguistic	: 2	suit	: 2	raising	: 2	he	: 2 : 2
xi	: 2	continuously	: 2 : 2	piece	: 2 : 2	computing	· 2 : 2
moved	: 2 : 2	· ·	: 2	signi?cant	: 2 : 2	repeat	: 2 : 2
includes	: 2	waving	: 2	generated	: 2	independently	: 2 : 2
algorithm	: 2	locate	: 2 : 2	implied	: 2 : 2	back	· 2 : 2
=	: 2		: 1	lack	: 1	dynamic	. 2 : 1
original four	: 1	concept					: 1
		individual/objed				<u> </u>	
kqml	: 1	simon	: 1	similarity	: 1	father	: 1
uml	: 1	uniqueness	: 1	ontologists	: 1	stable	: 1
preprocess	: 1	teaching	: 1	friendly	: 1	statically	: 1
implicitly	: 1	dynamicity	: 1	?rstly	: 1	rationality	: 1
artwork	: 1	tagging	: 1	perceived	: 1	2,15,43	: 1
enhance	: 1	referred	: 1	reemerge	: 1	prevent	: 1
occurrence	: 1	ten	: 1	discover	: 1	surrounding	: 1
likely	: 1	cost	: 1	dynamics	: 1	situated	: 1
unavailable	: 1	rate	: 1	giving	: 1	children	: 1
experiment	: 1	goes	: 1	increasing	: 1	movement	: 1
supporting	: 1	focuses	: 1	answers	: 1	34,45,46	: 1
tracks	: 1	operating	: 1	along	: 1	intension	: 1
39	: 1	de?ne	: 1	37	: 1	leaving	: 1
amount	: 1	rdf	: 1	common-sense	: 1	7,42	: 1
inference	: 1	projection	: 1	technologies	: 1	http://www.uml.org	: 1
replace	: 1	inorganic	: 1	environment	: 1	theme	: 1
telegraph-based	: 1	comparing	: 1	depicted	: 1	telegraph	: 1

1.\FII.D_Nprogram\Lcnpse\C	L_relation(wireque)	ICE(VVF1 1000 1 1.txt					
those	: 1	36,44	: 1	granularities	: 1	high-speed	: 1
sharing	: 1	veri?cation	: 1	populations	: 1	constructs	: 1
carrying	: 1	rigid	: 1	normalized	: 1	cases	: 1
8,21	: 1	effort	: 1	capturing	: 1	derivation	: 1
organizations	: 1	c1p	: 1	extension	: 1	challenge	: 1
superclass	: 1	coexist	: 1	concepts	: 1	speci?cation	: 1
specialized	: 1	nearest	: 1	extent	: 1	subclasses	: 1
tag	: 1	species	: 1	absolute	: 1	identi?ed	: 1
inheritance	: 1	adaptation	: 1	discussion	: 1	get	: 1
write	: 1	methodology	: 1	writers	: 1	attachment	: 1
ordinary	: 1	classify	: 1	massive	: 1	co-evolve	: 1
explores	: 1	philosophy	: 1	applications	: 1	tries	: 1
designed	: 1	faculty	: 1	representations	: 1	response	: 1
51 <b>,</b> 52	: 1	hinders	: 1	many	: 1	object-oriented	: 1
realizes	: 1	decreasing	: 1	bene?ts	: 1	origin	: 1
executed	: 1	interpretation	: 1	essence	: 1	mainly	: 1
facilitates	: 1	still	: 1	linguistics	: 1	derive	: 1
22	: 1	23	: 1	detected	: 1	production	: 1
hidden	: 1	easier	: 1	emphasize	: 1	correspondence	: 1
motivated	: 1	food	: 1	practice	: 1	nor	: 1
matched	: 1	worlds	: 1	name	: 1	informal	: 1
cognition	: 1	enrichment	: 1	loosely	: 1	truth	: 1
organized	: 1	constraints	: 1	subset	: 1	domain	: 1
mental	: 1	best	: 1	reduce	: 1	related	: 1
conventions	: 1	consensuses	: 1	static	: 1	connect	: 1
measurement	: 1	operation	: 1	beyond	: 1	extract	: 1
category	: 1	integrates	: 1	participants	: 1	denoted	: 1
receiving	: 1	integrated	: 1	red	: 1	after	: 1
semiotic	: 1	regard	: 1	shortest	: 1	organic	: 1
cause-effect	: 1	initiate	: 1	place	: 1	wrote	: 1
incorporated	: 1	networking	: 1	pronunciations	: 1	organize	: 1
done	: 1	directly	: 1	interchange	: 1	given	: 1
management	: 1	publication	: 1	guaranteeing	: 1	unknown	: 1
participates	: 1	least	: 1	stimulation	: 1	allows	: 1
cite	: 1	interests	: 1	mining	: 1	9,24	: 1
tool	: 1	internalizing	: 1	differentiate	: 1	branches	: 1
translation	: 1	believe	: 1	representing	: 1	remember	: 1
10	: 1	13	: 1	12	: 1	roles	: 1
18	: 1	distinguishes	: 1	imply	: 1	su?cient	: 1
opens	: 1	represents	: 1	person	: 1	navigate	: 1
di?cult	: 1	seen	: 1	regulate	: 1	relatively	: 1
paths	: 1	segmented	: 1	educator	: 1	objective	: 1
pursues	: 1	meta-languages	: 1	criteria	: 1	allow	: 1
intersection	: 1	cip	: 1	detect	: 1	complementing	: 1
phonological	: 1	intrinsic	: 1	pages	: 1	subspaces	: 1
understands	: 1	ways	: 1	chemical	: 1	11,31	: 1
hear	: 1	3,29	: 1	notion	: 1	laws	: 1
shot	: 1	charles	: 1	meta-models	: 1	navigated	: 1
inventing	: 1		: 1				: 1
THACHETH	<u> </u>	high-level	; I	minsky	: 1	xml	<u> </u>

Tita IIIB_Tiprogramizonpoole		10011111100011101						2010-17110-0111
17,27	: 1	enriched	: 1	versatile	: 1	re-focusing	: 1	
darwin	: 1	over	: 1	merged	: 1	special-purpose	: 1	
predict	: 1	his	: 1	externalized	: 1	watch	: 1	
perceive	: 1	externalizes	: 1	closely	: 1	pk	: 1	
areas	: 1	closure	: 1	remove	: 1	exercises	: 1	
predicted	: 1	mapped	: 1	including	: 1	metadata	: 1	
?lm	: 1	farthest	: 1	reference	: 1	publications	: 1	
frame	: 1	w1	: 1	2.0	: 1	composed	: 1	
creationist	: 1	capacity	: 1	managing	: 1	movie	: 1	
incorporating	: 1	low-level	: 1	neither	: 1	approach	: 1	
discovery	: 1	preserve	: 1	invention	: 1	wn	: 1	
interfaces	: 1	attention	: 1	wk	: 1	inseparable	: 1	
interface	: 1	observer	: 1	28,47	: 1	hyperlink	: 1	
informatic	: 1	scale-free	: 1	pre-designed	: 1	minds	: 1	
re?ection	: 1	sensitive	: 1	argue	: 1	comer	: 1	
comment	: 1	adjusted	: 1	regulates	: 1	simple	: 1	
format	: 1	granularity	: 1	http://www.w3.org/x	ml: 1	period	: 1	
audios	: 1	maintained	: 1	exhibits	: 1	actually	: 1	
puts	: 1	union	: 1	e-presence	: 1	strategy	: 1	
genetic	: 1	telegraphy	: 1	pn	: 1	arises	: 1	
encapsulation	: 1	present	: 1	p1	: 1	formalization	: 1	
developing	: 1	physical	: 1	harder	: 1	empirical	: 1	
value	: 1	teachers	: 1	investigating	: 1	high-rank	: 1	
engineers	: 1	selected	: 1	increment	: 1	coupled	: 1	
almost	: 1	reads	: 1	experts	: 1	35	: 1	
elements	: 1	result	: 1	containing	: 1	develop	: 1	
contents	: 1	pay	: 1	views	: 1	externalize	: 1	
parts	: 1	split	: 1	largest	· 1	units	: 1	
evidence	: 1	tried	: 1	49,50	: 1	complemented	: 1	
initialization	: 1	published	: 1	effect	: 1	fruit	. 1 : 1	
	: 1	http://www.w3.o			• 1			: 1
necessity	: 1	-	: 1	scenario	: 1	: 1 recognizing framework	: 1	· 1
implements		polymorphism	: 1		: 1		: 1	
markup	: 1	patterns		extensible		components		
easily	: 1	organization	: 1	easy-to-understand	: 1	http://www.w3.org		
things	: 1	front	: 1	identify	: 1	40	: 1	
useful	: 1	captured	: 1	exhibit	: 1	rapid	: 1	
regarded	: 1	emphasis	: 1	appeared	: 1	add	: 1	
extends	: 1	easy	: 1	usage	: 1	match	: 1	
take	: 1	sequential	: 1	intentionality	: 1	showing	: 1	
digital	: 1	possible	: 1	uni?ed	: 1	possibly	: 1	
fusion	: 1	19,20,25	: 1	preference	: 1	listening	: 1	
30	: 1	immediately	: 1	depicts	: 1	naturally	: 1	
social-level	: 1	lost	: 1	follows	: 1	52	: 1	
predesigned	: 1	weiner	: 1	ful?lled	: 1	32,33	: 1	
comprehension	: 1	accessible	: 1	indications	: 1	ecology	: 1	
sequence	: 1	b.	: 1	searching	: 1	50	: 1	
understood	: 1	economic	: 1	intelligently	: 1	recognition	: 1	
scale	: 1	cnp	: 1	recorded	: 1	integration	: 1	
worldviews	: 1	tends	: 1	1,5,19,20,26	: 1	semantically	: 1	

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refer	: 1	hinder	: 1	inter-connected	: 1	selecting	: 1	
16,41	: 1	communicate	: 1	abstractions	: 1	although	: 1	
super	: 1	comparison	: 1	works	: 1	central	: 1	
sharper	: 1	individuals/objects	: 1	tracing	: 1	meta-model	: 1	
recognized	: 1	neighbor	: 1	shared	: 1	introduced	: 1	
own	: 1	instruments	: 1	indirectly	: 1	three	: 1	
down	: 1	services	: 1	artists	: 1	computational	: 1	
statistics	: 1	innate	: 1	area	: 1	panorama	: 1	
question	: 1	pronunciation	: 1	sub-class	: 1	step-by-step	: 1	
cultures	: 1	assumes	: 1	media	: 1	conditional	: 1	
economics	: 1	complete	: 1	triggered	: 1	differences	: 1	
constituted	: 1	regulating	: 1	privilege	: 1	repeated	: 1	
understandable	: 1	lectures	: 1	shannon	: 1	consist	: 1	
versions	: 1	whether	: 1	attached	: 1	up	: 1	
us	: 1	record	: 1	replay	: 1	stories	: 1	
critical	: 1	mature	: 1	autonomous	: 1	called	: 1	
distance	: 1	changes	: 1	associated	: 1	videos	: 1	
abstract	: 1	citation	: 1	direction	: 1	inferred	: 1	
single	: 1	right	: 1	ecological	: 1	exist	: 1	
humanized	: 1	happen	: 1	constructed	: 1	avoided	: 1	
48	: 1	photos	: 1	virtual	: 1	constantly	: 1	
application	: 1	sick	: 1	coherence	: 1	er	: 1	
intention	: 1	engineering	: 1	poor	: 1	regardless	: 1	
students	: 1	multi-channel	: 1	why	: 1	update	: 1	
sociology	: 1	14,38	: 1	song	: 1	friends	: 1	
architecture	: 1	reach	: 1	co-exist	: 1	work?ows	: 1	
internalized	: 1	behavioral	: 1	recognize	: 1	sensed	: 1	
augmented	: 1	Dellaviolai	• 1	recognize	• 1	Selisea	• ±	
augmented	• ±							
WP_Fdic:								
['the', 'DT']			d', 'CC		: 299	['semantic', 'JJ']		: 266
['of', 'IN']			', 'TO'		: 195	['-lrb-', '-LRB-']		: 154
['-rrb-', '-RRB-'	]		', 'VBZ		: 104	['in', 'IN']		: 104
['can', 'MD']			age', '		: 76	['semantics', 'NNS	']	: 71
['or', 'CC']			teracti	on', 'NN']	: 67	['be', 'VB']		: 65
['on', 'IN']			om', 'I	N']	: 59	['with', 'IN']		<b>:</b> 56
['individuals', '	NNS']		ages',	'NNS']	: 55	['classi?cation',	'NN']	: 54
['are', 'VBP']		: 52 ['li	nk', 'N	N']	: 46	['network', 'NN']		: 44
['an', 'DT']		: 42 ['fo	r', 'IN	']	: 42	['it', 'PRP']		: 41
['between', 'IN']		: 40 ['as	', 'IN'	]	: 40	['by', 'IN']		: 39
['space', 'NN']		: 38 ['-r	sb-', '	NNS']	: 37	['objects', 'NNS']		: 37
['object', 'NN']				', 'JJ']	: 35	['through', 'IN']		: 33
['may', 'MD']			her', '		: 31	['links', 'NNS']		: 30
['will', 'MD']				', 'NNS']	: 29	['rules', 'NNS']		: 29
['interactive', '	JJ <b>'</b> ]	_	cial',		: 28	['class', 'NNP']		<b>:</b> 27
['some', 'DT']	-		ints',		: 27	['relation', 'NN']		: 26
['lens', 'NN']		- <b>-</b>	tural',		: 24	['each', 'DT']		: 24
['humans', 'NNS']			ring',		: 23	['-lsb-', 'VBG']		: 23
['new', 'JJ']			ass', '		: 22	['according', 'VBG	' ]	: 21
, ,		[		4	•	, according , vbo	3	•

:\Ph.D_1\program\Eclipse\CE_relation\Wfrequence\WP					2016年7月18日 9:
'time', 'NN']	: 21	['then', 'RB']	: 21	['point', 'NN']	: 20
'individual', 'JJ']	: 20	['that', 'WDT']	: 20	['classes', 'NNS'] ['at', 'IN'] ['structure', 'NN']	: 20
'process', 'NN']	: 20	['community', 'NN']		['at', 'IN']	: 19
explanation', 'NN']	: 19	['when', 'WRB']	: 18	['structure', 'NN']	: 18
'sln', 'NNP']	: 18	['system', 'NN'] ['languages', 'NNS'] ['isb', 'NNP']	: 18	['', ':']	: 18
'reasoning', 'NN'] 'but', 'CC'] 'relevant', 'JJ']	: 17	['languages', 'NNS']	: 17	['its', 'PRP\$'] ['not', 'RB'] ['based', 'VBN']	: 17
'but', 'CC']	: 17	['isb', 'NNP']	: 17	['not', 'RB']	: 17
relevant', 'JJ']	: 17	['that', 'IN']	: 17	['based', 'VBN']	: 16
nodes', 'NNS']	: 16	['knowledge', 'NN']	: 16	['models', 'NNS']	: 16
basic', 'JJ']	: 16	['individual', 'NN']	: 16	['set', 'NN']	: 16
principle', 'NN']		['society', 'NN']	: 15	['one' 'CD']	• 15
into', 'IN']	: 15	[ ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ]	1 -	['indicators', 'NNS']	: 15
also', 'RB']	: 15	<pre>['cyper-society', 'NN'] ['abstraction', 'NN'] ['multiple', 'JJ']</pre>	: 14	['such', 'JJ']	: 14
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- · · · · · · · · · · · · · · · · · · ·					
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['appropriate' '.T.T']	• 6	['without' 'IN']	• 6	['adding' 'VBG']	• 6
['knowing' 'VBC']	. 6	[!richer! !TTP!]	• 6	['input' 'NN']	• 6
[ knowing , vbg ]	. 0	[lambifactal INNCL]	. 0	[ Input, NN ]	. 6
[ Denaviors , NNS ]	: 6	['drtlidcts', 'NNS']	: 0	['WIIdt', 'WF']	: 6
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[Imaghaniam! INN!]	• 5	[love] wing! [MDC!]	• 5	[ provides , VBZ ]	• 5
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[!difforont! !VBC!]	• 1	['nowton' 'NND']	• 1	[!largo-scalo! !II!]	• 1
[!roprogent! !VP!]	• 4 • 1	[!formation! INN!]	• 4 • 1	[ large-scare , oo ]	. 4
[ represent , vb ]	. 4	[ TOTHIACTOH , NN ]	• 4	[ Helps , VD2 ]	. 4
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['form', 'VBP']	: 3	['sound', 'NN']	: 3	['higher', 'JJR']	: 3
[ TOTH , ADT ]	• 5	[ Southar , ININ ]	. J	[ mramer ' ook ]	• 🤟

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['establishes'. 'VBZ']	• 3	<pre>['contain', 'VB'] ['mapping', 'NN'] ['emerges', 'VBZ'] ['indirect', 'JJ'] ['methods', 'NNS'] ['lifetime', 'NN'] ['important', 'JJ']</pre>	• 3	['semantic', 'NN'] ['situations', 'NNS'] ['proposed', 'VBN'] ['word', 'NN'] ['make', 'VB'] ['keywords', 'NNS']	: 3
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['host' 'VB']	• 3	['indirect' 'JJ']	• 3	['nroposed' 'VBN']	: 3
[!link! !VR!]	• 3	['methods' 'NNS']	• 3	['word' 'NN']	: 3
[ TINA , VD ]	. 3	[ Nethods , NNS ]	. 3	[ WOLG , NN ]	: 3
[lindicate! NDD!]	. 3	[ limportant!   III]	. 3	[ llanguarda!   NNC!]	: 3
[ Indicate , vbr ]		[ Important , Ju ]		[ keywords , NNS ]	. 3 : 3
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[ Scacus , IVIV ]	• 4	[ MCMDCID / MMD ]	• 4	[ TOUCC , ININ ]	• 4

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[logen, oo ]	: 1	['representing', 'VBG']	• ± . 1	[ Teprace , VD ]	• ±
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['structure', 'NNP']	: 1	['scale-free', 'NN']		['rely', 'VBP']	: 1
['recorded', 'VBN']	: 1	<pre>['immediately', 'RB']</pre>	: 1	['over', 'RP']	: 1

	11000111011				2010-17110-01-1
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['discussion', 'NN']	: 1	['absolute', 'JJ']	: 1	['integrated', 'VBN']	: 1
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['meta-models' 'NNS']	• <del>-</del> • 1	['receiving', 'VBG']	• 1	['correspondence' 'NN']	• 1
[!undecidable! !.T.!!	• ± • 1	['meta-languages' 'NNS']	• ± • 1	[ !1 5 19 20 26!	• ± • 1
[ladiusted! [VPN!]	• ± • 1	[ meta languages , NNS ]	• ± • 1	[langanguage] [NNC]	• ± • 1
[ adjusted , VDN ]	• 1	[ lebuliding , NN ]	• 1 • 1	[ Consensuses , NNS ]	• 1
['Internationalized', 'VBN']	· 1	[ TITIEROS , NNS ]	; <u>1</u>	['puts', 'VBZ']	• ±
['input', 'VB']	: 1	['possibly', 'KB']	: 1	['single', 'JJ']	; <u>1</u>
['alscover', 'VB']	: 1	[,21,25,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	: 1	['description', 'NN']	; 1
['hyperlink', 'NN']	: 1	['mature', 'JJ']	: 1	['zoom-in', 'NNP']	: 1
['3,29', 'CD']	: 1	['those', 'DT']	: 1	['conerence', 'NN']	: 1
['-1rb-', 'NNP']	: 1	['like', 'VBP']	: 1	['mainly', 'RB']	: 1
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['wrote', 'VBD']	: 1	['attention', 'NN']	: 1	['read', 'VBD']	: 1
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['explores' 'VB7']	• ± • 1	['semantic' 'VB']	• 1	['indicated' 'VRD']	• ± • 1
[!notworking! !NN!]	• ± • 1	[!rofor! !VPD!]	• 1	[!framo! !NN!]	• ± • 1
[!foatures! !ND7!]	• ± • 1	[ Telef , VBI ]	• ± • 1	[longinonmont!   NN!]	• ± • 1
[lamage   INNI]	• 1	[ prace , NN ]	• 1 • 1	[ environment , NN ]	• 1
[ CLOSS , NN ]	• ⊥ • 1	[ Commonserise , Jour ]	; <u>1</u>	['prevent', 'vB']	• 1
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['up', 'RP']	: 1	['comparison', 'NNP']	: 1	['area', 'NN']	: 1
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[ Herener / CC ]	: 1	[ incorporating , vbo ]	: 1	['23', 'CD']	: 1
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['movie', 'NN']	: 1	['bene?ts', 'NNS']	: 1	['cost', 'NN']	: 1
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['easily', 'RB']	: 1	['social-level', 'NN']	: 1	['videos', 'NNS']	: 1
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['segmented', 'VBN']	: 1	['interfaces', 'NNS']	: 1	['http://www.w3.org/tr', 'NNP']	: 1
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['commonsense', 'NNP']	: 1	['converge', 'VBZ']	: 1	['mccarthy', 'NNP']	: 1
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['empirical'. 'JJ']	• 1	['tool', 'NN']	• <u>-</u> • 1	['format', 'NNP']	: 1
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['friendly'. 'JJ']	• 1	['read'. 'VBP']	• <u>-</u> • 1	['poor', 'JJ']	: 1
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['species', 'NNS']	• ± • 1	['enrich'. 'VB']	• <del>-</del> • 1	['sharing', 'VBG']	: 1
['fusion'. 'NN']	• 1	['tracing'. 'VBG']	• 1	['kev'. 'NN']	• 1
['components', 'NNS']	• ± • 1	['relate'. 'VBP']	• <del>-</del> • 1	['8.21'. 'CD']	: 1
['direct'. 'JJ']	• 1	['many'. 'JJ']	• 1	['why'. 'WRB']	• 1
['pages'. 'NNS']	• 1	['add'. 'VB']	• <u>-</u> • 1	['tried'. 'VBD']	: 1
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['initiate', 'VBP']	: 1	['cnp', 'NNP']	: 1	['try', 'VB']	: 1
['p1', 'NN']	: 1	['inter-connected', 'JJ']	: 1	['super-class', 'JJ']	: 1
r	• 1	i inter connected , oo j	• +	[ 54261 61433 , 00 ]	· ±

: 1

['reads', 'VBZ']

```
W Pdic:
neighbors
                      : ['NNS']
                                                              represent
                                                                                    : ['VB']
all
                      : ['DT']
                                                              concept
                                                                                    : ['NN']
semantic
                      : ['JJ', 'NN', 'NNP', 'VB']
                                                             limited
                                                                                    : ['VBN', 'VBD']
lack
                      : ['VBP']
                                                              dvnamic
                                                                                    : ['JJ']
focus
                      : ['NN', 'VB']
                                                              invent
                                                                                    : ['VB']
existing
                     : ['JJ', 'VBG']
                                                              four
                                                                                    : ['CD']
individual/object/relation: ['NN']
                                                                    classi?cations
                                                                                          : ['VBZ']
entropy
                     : ['NN']
                                                              qo
                                                                                    : ['VB']
mccarthy
                      : ['NNP']
                                                              reasoning
                                                                                    : ['NN']
issues
                     : ['NNS']
                                                              kaml
                                                                                    : ['NNP']
increase
                      : ['NN', 'VB']
                                                              simon
                                                                                    : ['NNP']
similarity
                      : ['NN']
                                                              father
                                                                                    : ['NN']
uml
                     : ['NNP']
                                                              languages
                                                                                    : ['NNS']
                      : ['TO']
                                                              uniqueness
to
                                                                                    : ['NNS']
program
                      : ['NN']
                                                              as
                                                                                    : ['IN', 'RB']
helps
                      : ['VBZ']
                                                              ontologists
                                                                                    : ['JJ']
stable
                      : ['JJ']
                                                             preprocess
                                                                                    : ['JJ']
teaching
                                                              nodes
                      : ['VBG']
                                                                                    : ['NNS']
include
                      : ['VB']
                                                              friendly
                                                                                    : ['JJ']
resources
                                                              carried
                     : ['NNS']
                                                                                    : ['VBN']
sound
                      : ['NN']
                                                              statically
                                                                                    : ['RB']
evolves
                                                              role
                      : ['VBZ']
                                                                                    : ['NN']
implicitly
                      : ['RB']
                                                              dynamicity
                                                                                    : ['NN']
?rstlv
                      : ['RB']
                                                              every
                                                                                    : ['DT']
rationality
                      : ['NN']
                                                              artwork
                                                                                    : ['NN']
difference
                      : ['NN']
                                                              adaptive
                                                                                    : ['JJ']
tagging
                     : ['NN']
                                                              common
                                                                                    : ['JJ']
perceived
                      : ['VBD']
                                                             level
                                                                                    : ['NN']
stimulus
                     : ['NN']
                                                              2,15,43
                                                                                    : ['CD']
large
                      : ['JJ']
                                                              item
                                                                                    : ['NN']
form
                      : ['NN', 'VB', 'VBP']
                                                              enhance
                                                                                    : ['VB']
referred
                      : ['VBN']
                                                              scenes
                                                                                    : ['NNS']
                      : ['VB']
reemerae
                                                              prevent
                                                                                    : ['VB']
force
                      : ['NN']
                                                              occurrence
                                                                                    : ['NN']
t.en
                      : ['CD']
                                                              participate
                                                                                    : ['VB']
discover
                      : ['VB']
                                                              past
                                                                                    : ['JJ', 'NN']
                      : ['VBG']
surrounding
                                                             likely
                                                                                    : ['JJ']
cost
                     : ['NN']
                                                             link
                                                                                    : ['NN', 'NNP', 'VB']
further
                      : ['RBR', 'RB']
                                                              dynamics
                                                                                    : ['NNS']
situated
                      : ['VBN']
                                                             machines
                                                                                    : ['NNS', 'JJ']
                                                              established
even
                      : ['RB']
                                                                                    : ['VBN']
what
                      : ['WP']
                                                             unavailable
                                                                                    : ['JJ']
                                                              classi?cation
rate
                     : ['NN']
                                                                                    : ['NN', 'NNP', 'VB']
giving
                      : ['VBG']
                                                              interactions
                                                                                    : ['NNS']
while
                     : ['IN', 'NN']
                                                              children
                                                                                    : ['NNS']
current.
                      : ['JJ']
                                                              experiment
                                                                                    : ['NN']
```

1.1FII.D_1\program\cinpse\cc_rei	ation(vvirequence(vvr) 100011.txt		
goes	: ['VBZ']	re?ected	: ['VBN']
relational	: ['JJ']	learned	: ['VBN']
increasing	: ['VBG']	connected	: ['VBN', 'JJ']
method	: ['NN']	movement	: ['NN']
supporting	: ['VBG']	evolving	: ['JJ', 'VBG']
focuses	: ['VBZ']	degree	: ['NN']
scienti?c	: ['JJ']	human	: ['JJ', 'NNP', 'NN']
answers	: ['NNS']	understanding	: ['NN']
34,45,46	: ['CD']	tracks	: ['NNS']
objects	: ['NNS']	operating	: ['VBG']
web	: ['NNP', 'NN']	others	: ['NNS']
active	: ['JJ']	based	: ['VBN']
along	: ['RP']	invented	: ['VBN', 'VBD']
observing	: ['VBG']	implicit	: ['JJ']
change	: ['NN', 'NNP', 'VB']	intension	: ['NN']
39	: ['CD']	de?ne	: ['VB']
zoom-in	: ['VBG', 'JJ', 'CD', 'NNP']	items	: ['NNS']
study	: ['NN']	studied	: ['VBN', 'VBD']
37	: ['CD']	approaches	: ['NNS', 'VBZ']
experience	: ['NN', 'VB']	leaving	: ['VBG']
host	: ['VB']	amount	: ['NN']
rdf	: ['NNP']	social	: ['JJ', 'NNP']
usually	: ['RB']	common-sense	: ['NN']
7,42	: ['CD']	studies	: ['VBZ', 'NNS']
re?ect	: ['VB', 'VBP']	emerge	: ['VBP', 'VB']
inference	: ['JJ']	projection	: ['NN']
family	: ['NN']	scales	: ['NNS']
manage	: ['VB']	technologies	: ['NNS']
http://www.uml.org	: ['NN']	replace	: ['VB']
texts	: ['NNS']	analyzing	: ['VBG', 'JJ']
corresponding	: ['VBN', 'JJ']	inorganic	: ['JJ']
complex	: ['JJ']	tools	: ['NNS']
kind	: ['NN']	select	: ['VB']
environment	: ['NN']	use	: ['NN', 'VB']
metaphor	: ['NN']	links	: ['NNS', 'VBZ']
would	: ['MD']	positive	: ['JJ']
contains	: ['VBZ']	determined	: ['VBN']
theme	: ['NN']	telegraph-based	: ['JJ']
comparing	: ['VBG']	depicted	: ['VBN']
telegraph	: ['NN']	those	: ['DT']
36,44	: ['CD']	themselves	: ['PRP']
stage	: ['NN']	type	: ['NN']
granularities	: ['NNS']	more	: ['JJR', 'RBR']
high-speed	: ['JJ']	cognitive	: ['JJ', 'NN']
sharing	: ['VBG']	door	: ['NN']
veri?cation	: ['NN']	populations	: ['NNS']
outputs	: ['NNS', 'JJ']	constructs	: ['NNS']
carrying	: ['VBG']	rigid	: ['JJ']
normalized	: ['JJ']	of	: ['IN']

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particular	: ['JJ']	known : ['VBN']	
slns	: ['NNS', 'NNP']	cases : ['NNS']	
8,21	: ['CD']	effort : ['NN']	
potential	: ['NN', 'JJ']	capturing : ['VBG']	
derivation	: ['NN']	organizations : ['NNS']	
c1p	: ['NNP']	word : ['NN']	
extension	: ['NN']	integrating : ['VBG']	
this	: ['DT']	science : ['NN']	
challenge	: ['NN']	work : ['NN', 'VB']	
worth	: ['JJ']	superclass : ['NNS']	
coexist	: ['VB']	can : ['MD']	
concepts	: ['NNS']	following : ['VBG', 'JJ', 'NN']	
making	: ['VBG']	speci?cation : ['NN']	
specialized	: ['VBN']	example : ['NN']	
control	: ['NN']	nearest : ['JJS']	
extent	: ['VB']	e.g. : ['NNP']	
on	: ['IN']	process : ['NN', 'VB', 'VBP']	
attribute	: ['NN']	share : ['VB']	
subclasses	: ['NNS']	agent : ['NN', 'NNP']	
in-depth	: ['JJ']	topic : ['NN']	
effectively	: ['RB']	tag : ['VB']	
sense	: ['NN', 'VB']	made : ['VBN']	
species	: ['NNS']	absolute : ['JJ']	
identi?ed	: ['VBN']	arti?cial : ['JJ']	
needs	: ['VBZ']	requirements : ['NNS']	
worldview	: ['NN']	inheritance : ['NN']	
rather	: ['RB']	adaptation : ['VB']	
discussion	: ['NN']	get : ['VB']	
write	: ['VB']	how : ['WRB']	
methodology	: ['NN']	writers : ['NNS']	
models	: ['NNS']	attachment : ['NN']	
ordinary	: ['JJ']	guarantee : ['VBP', 'VB']	
intelligent	: ['JJ']	classify : ['VB']	
massive	: ['JJ']	waved : ['VBG', 'VBN', 'VBD']	
co-evolve	: ['VBP']	abstraction : ['NN', 'VB']	
explores	: ['VBZ']	description : ['NNP', 'NN']	
information	: ['NN']	may : ['MD']	
turing	: ['VBG', 'NNP']	philosophy : ['NN']	
derived	: ['VBN']	mapping : ['NN', 'VBG']	
emphasizes	: ['VBZ']	applications : ['NNS']	
tries	: ['VBZ']	designed : ['VBN']	
faculty	: ['NN']	representations : ['NNS']	
law	: ['NN']	data : ['NN', 'NNS']	
response 51,52	: ['NN'] : ['CD']	<pre>types : ['NNS'] multi-disciplinary : ['JJ']</pre>	
natural	: ['JJ']	hinders : ['VBZ']	
third	: ['JJ']	communities : ['NNS', 'JJ', 'NN']	
	: ['JJ']	or : ['CC']	
<pre>many object-oriented</pre>			
object-oriented	: ['JJ']	maintain : ['VB']	

augorithms         : [NNs*]         realizes         : [VEZ*]           fundamental         : [VJJ*]         cords         : [VNs]           representation         : [NNs*]         cords         : [NNs*]           operations         : [NNs*]         origin         : [VNs*]           operations         : [NNs*]         origin         : [VNs*]           interpretation         : [NNs*]         executed         : [VNs*]           interpretation         : [VNs*]         executed         : [VNs*]           interpretation         : [VNs*]         executed         : [VNs*]           interpretation         : [VNs*]         : [VNs*]           interpretat	I.IFII.D_INDIOGRAIIIIECIIDSeloL_IE	nation(vvii equent	SEMALI 1000 I L'INT		20	010年7月10日 9.4
representation : ['NN'] benefits : ['NNS'] operations : ['NNS'] origin : ['NNS'] internalization : ['NN'] origin : ['NNS'] interpretation : ['NN'] benefits : ['NN'] interpretation : ['NN'] benefits : ['NN'] interpretation : ['NN'] benefits : ['VE', 'VEP', 'NN'] interpretation : ['NN'] benefits : ['VE', 'VEP', 'NN'] owl : ['NNS'] benefits : ['VE'] essence : ['NN'] pointed : ['VED'] mainly : ['SE'] argues : ['VEZ'] symbols : ['NNS'] paper : ['NN'] symbols : ['NNS'] paper : ['NN'] statistical : ['NN'] same : ['JJ'] statistical : ['NN'] same : ['JJ'] statistical : ['NN'] facilitates : ['VEZ'] still : ['EP] its : ['FEP'] before : ['NN'] facilitates : ['VEZ'] still : ['SE'] its : ['FEP'] before : ['NN'] facilitates : ['VEZ'] still : ['NN'] facilitates : ['VEZ'] still : ['SE'] its : ['FEP'] before : ['NN'] facilitates : ['VEZ'] still : ['NN'] facilitates : ['VEZ'] still : ['NN'] facilitates : ['VEZ'] still : ['NN'] facilitates : ['NNS'] cordinates : ['NN'] facilitates : ['VEZ'] still : ['NN'] facilitates : ['NN'] cordinates : ['NN'] facilitates : ['NN'] scordinates : ['NN'] facilitates : ['NN'] inden	algorithms	: ['NNS'	']	realizes	: ['VBZ']	
refrieval         : ['NNS']         bene'ts         : ['NNS']           internalization         : ['NNT']         executed         : ['VER']           interprecation         : ['NNT']         help         : ['VER']           owl         : ['NNF']         hierarchy         : ['NNT']           owl         : ['NNF']         pointed         : ['VED']           mainly         : ['RE']         arques         : ['VEZ']           symbols         : ['NNT']         paper         : ['NNT']           through         : ['INT']         same         : ['UEZ']           statistical         : ['NNF']         same         : ['UEZ']           existence         : ['NNT']         facilitates         : ['VEZ']           still         : ['RE']         it is         : ['YER']           before         : ['NNT']         facilitates         : ['VEZ']           proup         : ['NNT']         tender         : ['NNS']           group         : ['NNT']         tender         : ['VBP, 'VB']           production         : ['NNT']         tender         : ['VBP, 'VBC']           better         : ['JAT, 'RBR']         detected         : ['VBN']           better         : ['VBC'] <td>fundamental</td> <td></td> <td></td> <td>decreasing</td> <td>: ['VBG']</td> <td></td>	fundamental			decreasing	: ['VBG']	
operations         : [NNS']         origin         : ['NN']           internalization         : ['NN']         executed         : ['VSN']           interpretation         : ['NN']         help         : ['VSN']         ('NS')           essence         : ['NN']         hierarchy         : ['NN']           essence         : ['NN']         argues         : ['VSE']           symbols         : ['NNS']         paper         : ['NN']           through         : ['NN']         same         : ['NS']           statistical         : ['NNP']         july         indicating         : ['VSE']           stistence         : ['NN']         facilitates         : ['VSE']           stist         : ['NN']         facilitates         : ['NS']           stist         : ['NN']         facilitates         : ['NS']           stist         : ['NN']         group         : ['NN']           group         : ['NN']         render         : ['VSP']         'USP', 'USP']           semporal         : ['JJF', 'NER']         deracted         : ['VSP', 'USP', 'USP']           betaer         : ['JJF', 'SER']         deracted         : ['VSP', 'USP', 'USP']           betaer         : ['VSP', 'SER']	representation	: ['NN']		words	: ['NNS']	
Interpretation : ['NN']	retrieval	: ['NN']		bene?ts	: ['NNS']	
interpretation : ['NN']	operations	: ['NNS'	']	origin	: ['NN']	
owl sesence : ['NNP']	internalization	: ['NN']		executed	: ['VBN']	
esence	interpretation	: ['NN']		help	: ['VB', 'VBP', 'NN']	
mainly         : ['RB']         argues         : ['VBZ']           symbols         : ['NN']         paper         : ['NN']           through         : ['I'N']         same         : ['JJ']           statistical         : ['NN']         indicating         : ['VBZ']           existence         : ['NN']         facilitates         : ['VBZ']           existence         : ['NN']         its         : ['PEPS']           before         : ['NN']         its         : ['PEPS']           before         : ['NN']         its         : ['PEPS']           group         : ['NN']         linguistics         : ['NNS']           group         : ['NN']         render         : ['PEP', 'UB']           22         : ['CD']         23         : ['CD']           23         : ['CD']         'UB']           coordinates         : ['NNP', 'VBZ']         writing         : ['VB']           better         : ['JN']         writing         : ['VB']           better         : ['NN']         systems         : ['NNS']           communication         : ['NN']         systems         : ['NNS']           emphasize         : ['VB']         correspondence         : ['NN']	owl	: ['NNP'	']	hierarchy	: ['NN']	
symbols         : ['NNS']         paper         : ['NN']           through         : ['TN']         same         : ['JJ']           statistical         : ['NNP', 'JJ']         indicating         : ['VBG']           existence         : ['NNI']         facilitates         : ['VBG']           still         : ['RN]         is         : ['PRPS']           before         : ['NNI']         derive         : ['WP']           group         : ['NNI']         render         : ['WP', 'WP']           group         : ['NNI']         stimulus-response         : ['WP', 'JJ']           temporal         : ['NJ']         stimulus-response         : ['WP', 'JJ']           coordinates         : ['NNI', 'KBR']         detected         : ['WP', 'JJ']           better         : ['JJR', 'KBR']         detected         : ['WPN']           production         : ['NNI']         systems         : ['NNS']           communication         : [NNI']         systems         : ['NNS']           communication         : ['NNI']         systems         : ['NNI']           lies         : ['VBB']         examinate         : ['NNI']           lies         : ['VBB']         examinate         : ['NNI']	essence	: ['NN']		pointed	: ['VBD']	
through : ['Nn']	mainly	: ['RB']		argues	: ['VBZ']	
through : ['IN']	symbols	: ['NNS'	']	paper	: ['NN']	
existence         : ['NN']         facilitates         : ['VBZ']           still         : ['RB']         its         : ['PRPS']           before         : ['IN']         linguistics         : ['NNS']           muti-dimensional         : ['JJ']         derive         : ['VBP']           group         : ['NN']         render         : ['VBP', 'VB']           22         : ['CD']         23         : ['OD']           temporal         : ['JJR', 'VBZ']         writing         : ['VBP', 'JJ']           coordinates         : ['NNP', 'VBZ']         writing         : ['VBB']           better         : ['JJR', 'RBR']         detected         : ['VBN']           production         : ['NN']         systems         : ['NNS']           communication         : ['NN']         systems         : ['NNS']           hidden         : ['VBR']         coordinated         : ['VBN']           lies         : ['VBZ']         easier         : ['JJR']           lies         : ['VBZ']         correspondence         : ['NN']           them         : ['RB']         them         : ['YBR']           good         : ['JJ', 'NN']         them         : ['YBR']           renrich <td< td=""><td>through</td><td>: ['IN']</td><td></td><td>same</td><td>: ['JJ']</td><td></td></td<>	through	: ['IN']		same	: ['JJ']	
existence         : ['NN']         facilitates         : ['VBZ']           still         : ['RB']         its         : ['PRPS']           before         : ['IN']         linguistics         : ['NNS']           muti-dimensional         : ['JJ']         derive         : ['VBP']           group         : ['NN']         render         : ['VBP', 'VB']           22         : ['CD']         23         : ['OD']           temporal         : ['JJR', 'VBZ']         writing         : ['VBP', 'JJ']           coordinates         : ['NNP', 'VBZ']         writing         : ['VBB']           better         : ['JJR', 'RBR']         detected         : ['VBN']           production         : ['NN']         systems         : ['NNS']           communication         : ['NN']         systems         : ['NNS']           hidden         : ['VBR']         coordinated         : ['VBN']           lies         : ['VBZ']         easier         : ['JJR']           lies         : ['VBZ']         correspondence         : ['NN']           them         : ['RB']         them         : ['YBR']           good         : ['JJ', 'NN']         them         : ['YBR']           renrich <td< td=""><td>statistical</td><td>: ['NNP'</td><td>', 'JJ']</td><td>indicating</td><td>: ['VBG']</td><td></td></td<>	statistical	: ['NNP'	', 'JJ']	indicating	: ['VBG']	
before         : ['INJ']         linguistics         : ['NNS']           multi-dimensional         : ['JJ']         derive         : ['VB']           group         : ['NN']         render         : ['VBP']           22         : ['CD']         23         : ['CD']           temporal         : ['JJK']         stimulus-response         : ['VBP']           coordinates         : ['NNP']         vstimulus-response         : ['VBP']           better         : ['JJK']         writing         : ['VBC']           better         : ['JNN']         detected         : ['VBC']           production         : ['NN']         systems         : ['NNS']           communication         : ['NN']         systems         : ['NNS']           communication         : ['NN']         coordinated         : ['NSN']           hidden         : ['VBZ']         easier         : ['JJR']           lies         : ['VBZ']         correspondence         : ['NN']           then         : ['YB']         correspondence         : ['NN']           then         : ['YB']         motivated         : ['NN']           renrich         : ['YBC']         practice         : ['NN']           evolution	existence	: ['NN']		facilitates	: ['VBZ']	
multi-dimensional : ['JJ']	still	: ['RB']		its	: ['PRP\$']	
group : ['NN']	before	: ['IN']		linguistics	: ['NNS']	
23	multi-dimensional	: ['JJ']		derive	: ['VB']	
temporal : ['JJ']	group	: ['NN']		render	: ['VBP', 'VB']	
coordinates         : ['NNP', 'VBZ']         writing         : ['VBN']           better         : ['JJR', 'RBR']         detected         : ['VBN']           production         : ['NN']         systems         : ['NNS']           communication         : ['NN']         coordinated         : ['VBN']           hidden         : ['VBR']         freely         : ['NR']           lies         : ['VBR']         easier         : ['JJR']           emphasize         : ['VB']         correspondence         : ['NN']           then         : ['RB']         then         : ['PRP']           good         : ['JJ']         motivated         : ['VBN']           richness         : ['NN', 'NNS']         food         : ['NN']           renrich         : ['VBP', 'VB']         practice         : ['NN']           evolution         : ['NN']         scene         : ['NN']           records         : ['VBZ']         try         : ['VBZ']           they         : ['PRP']         not         : ['NB']           one         : ['CD']         implies         : ['VBZ']           realize         : ['VB,'']         worlds         : ['NN']           document         : ['NN']	22	: ['CD']		23	: ['CD']	
better         : ['JJR', 'RER']         detected         : ['VEN']           production         : ['NN']         systems         : ['VNS']           communication         : ['NN']         coordinated         : ['VBN']           hidden         : ['VEN']         freely         : ['RB']           lies         : ['VBZ']         easier         : ['JJR']           emphasize         : ['WB]         correspondence         : ['NN']           then         : ['RB']         motivated         : ['PRP']           good         : ['JJ']         motivated         : ['WBN']           enrich         : ['VBP', 'VB']         practice         : ['NN']           enrich         : ['VBP', 'VB']         practice         : ['NN']           evolution         : ['NN']         scene         : ['NN']           records         : ['NN']         scene         : ['NN']           they         : ['PRP']         not         : ['RB']           one         : ['CD']         implies         : ['VBZ']           realize         : ['VB, 'VBP']         nor         : ['CC']           matched         : ['NN']         grammar         : ['NN']           name         : ['NN']         infor	temporal	: ['JJ']		stimulus-response	: ['VBP', 'JJ']	
production         : ['NN']         systems         : ['NNS']           communication         : ['NN']         coordinated         : ['VBN']           hidden         : ['VBN']         freely         : ['RB']           lies         : ['VBZ']         easier         : ['JJR']           emphasize         : ['NN']         correspondence         : ['NN']           then         : ['RB']         them         : ['PRP']           good         : ['JJ']         motivated         : ['VBN']           richness         : ['NN', 'NNS']         food         : ['NN']           enrich         : ['VBP', 'VB']         practice         : ['NN']           evolution         : ['NN']         scene         : ['NN']           records         : ['VBZ']         try         : ['VBP', 'VB']           they         : ['PRP']         not         : ['RB']           one         : ['CD']         implies         : ['VBZ']           realize         : ['VB,' 'VBP']         nor         : ['CC']           matched         : ['VB,' 'VBP']         mor         : ['NN']           document         : ['NN']         informal         : ['JJ', 'VBZ']           enrichment         : ['VBC']	coordinates	: ['NNP'	', 'VBZ']	writing	: ['VBG']	
communication         : ['NN']         coordinated         : ['VBN']           hidden         : ['VBV']         freely         : ['RB']           lies         : ['VBZ']         easier         : ['JJR']           emphasize         : ['VB']         correspondence         : ['NN']           then         : ['RB']         them         : ['PRP']           good         : ['JJ']         motivated         : ['VBN']           richness         : ['NN', 'NNS']         food         : ['NN']           enrich         : ['VBP', 'VB']         practice         : ['NN']           errich         : ['VBZ']         try         : ['VBP', 'VB']           records         : ['VBZ']         try         : ['VBP', 'VB']           they         : ['PRP']         not         : ['RB']           one         : ['VB', 'VBP']         nor         : ['VBC']           matched         : ['VBN']         worlds         : ['NNS']           document         : ['NN']         informal         : ['NN']           name         : ['NN']         informal         : ['NN']           enrichment         : ['VBZ']         establishing         : ['JJ', 'VBZ']           -lsb-         : ['VBG', 'CD', 'VBZ',	better	: ['JJR'	', 'RBR']	detected	: ['VBN']	
hidden         : ['VBN']         freely         : ['RB']           lies         : ['VBZ']         easier         : ['JJR']           emphasize         : ['VB']         correspondence         : ['NN']           then         : ['RB']         them         : ['PRP']           good         : ['JJ']         motivated         : ['VBN']           richness         : ['NN']         food         : ['NN']           enrich         : ['VBP', 'VB']         practice         : ['NN']           evolution         : ['NN']         scene         : ['NN']           records         : ['VBZ']         try         : ['VBP', 'VB']           one         : ['VBP']         not         : ['RB']           one         : ['CD']         implies         : ['VBZ']           realize         : ['VB, 'VBP']         nor         : ['CC']           matched         : ['VBN']         worlds         : ['NNS']           document         : ['NN']         grammar         : ['NN']           name         : ['NNP', 'NN']         cognition         : ['NN']           enrichment         : ['VBZ']         establishing         : ['JJ', 'VBZ']           -lsb-         : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', '	production	: ['NN']		systems	: ['NNS']	
lies : ['VBZ'] easier : ['JJR'] emphasize : ['VBZ'] correspondence : ['NN'] then : ['RB'] them : ['PRP'] good : ['JJ'] motivated : ['VBN'] richness : ['NN', 'NNS'] food : ['NN'] enrich : ['VBP', 'VB'] practice : ['NN'] records : ['VBZ'] try : ['VBP', 'VB'] they : ['YBZ'] try : ['VBP', 'VB'] they : ['PRP'] not : ['RB'] one : ['CD'] implies : ['VBZ'] realize : ['VB', 'VBP'] nor : ['CC'] matched : ['NN'] grammar : ['NNS'] document : ['NN'] informal : ['NN'] name : ['NN'] informal : ['JJ'] l. : ['NNP', 'NN'] cognition : ['NN'] enrichment : ['VBZ'] establishing : ['JJ', 'VBZ'] -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	communication	: ['NN']		coordinated	: ['VBN']	
emphasize       : ['VB']       correspondence       : ['NN']         then       : ['RB']       them       : ['PRP']         good       : ['JJ']       motivated       : ['VBN']         richness       : ['NN', 'NNS']       food       : ['NN']         enrich       : ['VBP', 'VB']       practice       : ['NN']         evolution       : ['NN']       scene       : ['NN']         records       : ['VBZ']       try       : ['VBP', 'VB']         they       : ['PRP']       not       : ['NB']         one       : ['VBZ']       implies       : ['VBZ']         realize       : ['VB', 'VBP']       nor       : ['CC']         matched       : ['VBN']       worlds       : ['NN']         document       : ['NN']       grammar       : ['NN']         name       : ['NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ', 'VBZ']	hidden	: ['VBN'	']	freely	: ['RB']	
then : ['RB'] them : ['PRP']  good : ['JJ'] motivated : ['VBN']  richness : ['NN', 'NNS'] food : ['NN']  enrich : ['VBP', 'VB'] practice : ['NN']  evolution : ['NN'] scene : ['NN']  records : ['VBZ'] try : ['VBP', 'VB']  they : ['PRP'] not : ['RB']  one : ['CD'] implies : ['VBZ']  realize : ['VB', 'VBP'] nor : ['CC']  matched : ['VBN'] worlds : ['NNS']  document : ['NN'] grammar : ['NNS']  document : ['NN'] informal : ['JJ']  1. : ['NNP', 'NN'] cognition : ['NN']  enrichment : ['VB'] establishing : ['JJ', 'VBZ']  -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	lies	: ['VBZ'	']	easier	: ['JJR']	
good         : ['JJ']         motivated         : ['VBN']           richness         : ['NN', 'NNS']         food         : ['NN']           enrich         : ['VBP', 'VBP']         practice         : ['NN']           evolution         : ['NN']         scene         : ['NN']           records         : ['VBZ']         try         : ['VBP', 'VB']           they         : ['PRP']         not         : ['RB']           one         : ['VB,' 'VBP']         nor         : ['CC']           matched         : ['VBN']         worlds         : ['NNS']           document         : ['NN']         grammar         : ['NN']           name         : ['NN']         informal         : ['JJ']           1.         : ['NNP', 'NN']         cognition         : ['NN']           accompanies         : ['VBZ']         establishing         : ['JJ']           -lsb-         : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting         : ['JJ']	emphasize	: ['VB']		correspondence	: ['NN']	
richness : ['NN', 'NNS'] food : ['NN'] enrich : ['VBP', 'VB'] practice : ['NN'] evolution : ['NN'] scene : ['NN'] records : ['VBZ'] try : ['VBP', 'VB'] they : ['PRP'] not : ['RB'] one : ['CC'] implies : ['VBZ'] realize : ['VB', 'VBP'] nor : ['CC'] matched : ['VBN'] worlds : ['NNS'] document : ['NN'] grammar : ['NN'] name : ['NN'] informal : ['JJ'] 1. : ['NNP', 'NN'] cognition : ['NN'] enrichment : ['VB'] accompanies : ['VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	then	: ['RB']		them	: ['PRP']	
enrich : ['VBP', 'VB']	good	: ['JJ']		motivated	: ['VBN']	
evolution       : ['NN']       scene       : ['NN']         records       : ['VBZ']       try       : ['VBP', 'VB']         they       : ['PRP']       not       : ['RB']         one       : ['CD']       implies       : ['VBZ']         realize       : ['VB', 'VBP']       nor       : ['CC']         matched       : ['VBN']       worlds       : ['NNS']         document       : ['NN']       grammar       : ['NN']         name       : ['NN']       informal       : ['JJ']         1.       : ['NRP', 'NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBZ']       establishing       : ['JJ', 'VBZ']         -lsb-       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ']	richness	: ['NN',	, 'NNS']	food	: ['NN']	
records : ['VBZ'] try : ['VBP', 'VB'] they : ['PRP'] not : ['RB'] one : ['CD'] implies : ['VBZ'] realize : ['VB', 'VBP'] nor : ['CC'] matched : ['VBN'] worlds : ['NNS'] document : ['NN'] grammar : ['NN'] name : ['NN'] informal : ['JJ']  1. : ['NNP', 'NN'] cognition : ['NN'] enrichment : ['VB'] loosely : ['RB'] accompanies : ['VBZ'] establishing : ['JJ', 'VBZ'] -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	enrich	: ['VBP'	', 'VB']	practice	: ['NN']	
they : ['PRP']	evolution	: ['NN']		scene	: ['NN']	
one : ['CD']	records	: ['VBZ'	']	try	: ['VBP', 'VB']	
realize : ['VB', 'VBP'] nor : ['CC'] matched : ['VBN'] worlds : ['NNS'] document : ['NN'] grammar : ['NN'] name : ['NN'] informal : ['JJ']  1. : ['NNP', 'NN'] cognition : ['NN'] enrichment : ['VB'] loosely : ['RB'] accompanies : ['VBZ'] establishing : ['JJ', 'VBZ'] -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	they	: ['PRP'	']	not	: ['RB']	
matched       : ['VBN']       worlds       : ['NNS']         document       : ['NN']       grammar       : ['NN']         name       : ['NNP', 'NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBZ']       establishing       : ['JJ', 'VBZ']         -lsb-       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ']	one	: ['CD']		implies	: ['VBZ']	
document       : ['NN']       grammar       : ['NN']         name       : ['NNP', 'NN']       informal       : ['JJ']         l.       : ['NNP', 'NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBZ']       establishing       : ['JJ', 'VBZ']         -lsb-       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ']	realize	: ['VB',	, 'VBP']	nor	: ['CC']	
name       : ['NN']       informal       : ['JJ']         l.       : ['NNP', 'NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBZ']       establishing       : ['JJ', 'VBZ']         -lsb-       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ']	matched	: ['VBN'	']	worlds	: ['NNS']	
1.       : ['NNP', 'NN']       cognition       : ['NN']         enrichment       : ['VB']       loosely       : ['RB']         accompanies       : ['VBZ']       establishing       : ['JJ', 'VBZ']         -lsb-       : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting       : ['JJ']	document	: ['NN']		grammar	: ['NN']	
enrichment : ['VB'] loosely : ['RB'] accompanies : ['VBZ'] establishing : ['JJ', 'VBZ'] -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	name	: ['NN']		informal	: ['JJ']	
accompanies : ['VBZ'] establishing : ['JJ', 'VBZ'] -lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	1.	: ['NNP'	', 'NN']	cognition	: ['NN']	
-lsb- : ['VBG', 'CD', 'VBZ', 'NNP', 'NNS', 'JJ']connecting : ['JJ']	enrichment	: ['VB']		loosely	: ['RB']	
	accompanies	: ['VBZ'	']	establishing	: ['JJ', 'VBZ']	
truth . [!NN!]	-lsb-	: ['VBG'	', 'CD', 'VBZ', 'NNP', 'NNS',	'JJ']connecting	: ['JJ']	
each . [ NN ]	truth	: ['NN']		each	: ['DT']	
found : ['VBN'] organized : ['VBN']	found	: ['VBN'	']	organized	: ['VBN']	
higher : ['JJR'] traces : ['VBZ']	higher	: ['JJR'	']	traces	: ['VBZ']	
other : ['JJ'] constraints : ['NNS']		: ['JJ']		constraints	: ['NNS']	
subset : ['NN'] development : ['NN']	subset	: ['NN']		development	: ['NN']	
domain : ['NN'] retrieve : ['VB']	domain	: ['NN']		retrieve	: ['VB']	

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mental	: ['JJ']	weight	: ['NN']
inputs	: ['NNP', 'JJ', 'NNS']	doing	: ['VBG']
there	: ['EX']	best	: ['JJS']
hard	: ['JJ']	reduce	: ['VB']
co-occurrence	: ['NN', 'JJ']	related	: ['VBN']
conventions	: ['NNS']	society	: ['NN', 'VB']
consensuses	: ['NNS']	<del>-</del>	: ['NNS']
static	: ['JJ']	connect	: ['VBP']
measurement	: ['NN']	operation	: ['NN']
beyond	: ['IN']	-	: ['VB']
human-level	: ['JJ', 'NNP']	in?uences	: ['VBZ']
out	: ['RP']	category	: ['NN']
leave	: ['VBP', 'NN']	2 -	: ['VBN']
network	: ['NN', 'NNP']	part	['NN']
integrates	: ['VBZ']	undecidable	: ['VB', 'JJ']
research	: ['NN', 'NNP']		: ['NN']
participants	: ['NNS']		['VBN']
rn	: ['FW', 'NN']		['VBG']
issue	: ['NN']	3	['VBN']
red	: ['JJ']	_	['VBZ']
rebuilding	: ['VBG', 'NN']		['IN']
theory	: ['NN']		: ['JJ']
contain	: ['VB']		['NN']
lead	: ['VB']	_	['RB']
base	: ['NN', 'NNP']	1 1	['NN']
members	: ['NNS']		['VB']
indicates	: ['VBZ']	3	['NN']
generate	: ['VBP', 'VB']	2	: ['JJS']
interaction	: ['NN', 'JJ', 'NNP', 'VBG', 'VBZ']		: ['JJ']
r1	: ['NNS', 'NNP']	<del>-</del>	: ['NN', 'NNP', 'RB']
created	: ['VBN']		['NN']
could	: ['MD']		['NNS']
correctness	: ['NNS']	_	: ['JJ', 'NNS']
times	: ['NNS']	-	['NN']
initiate	: ['VBP']		: ['NNS']
place	: ['NN']	wrote	: ['VBD']
incorporated	: ['VBN']		: ['NN']
consequence	: ['NN']	-	['NNP']
onto	: ['IN']		: ['NNS']
does	: ['VBZ']	<u>=</u>	: ['JJ']
organize	: ['VB']	3	: ['NNP']
features	: ['VBZ', 'NNS']	probability	['NN']
relate	: ['VBP', 'VB']	<del>-</del>	: ['JJ']
		_	
number channels	: ['NN']	<del>-</del>	: ['VBG']
	: ['NNS']		: ['NNS']
autonomously	: ['RB']		: ['VBN']
relations	: ['NNS']	_	: ['RB']
such	: ['JJ']	_	: ['VB']
reached	: ['VBN']	message	: ['NN']

1.11 II.D_TIPIOGIAIIIIECIIPSEIOE_	Telation(vvii) equence(vvF1 1000 11.txt			2010年7月1
open	: ['VB', 'JJ']	bene?t	: ['VB', 'VBP']	
and	: ['CC', 'NNP']	interchange	: ['NNP']	
given	: ['VBN']	management	: ['NN']	
publication	: ['NN']	guaranteeing	: ['VBG']	
their	: ['PRP\$']	unknown	: ['JJ']	
interact	: ['VB', 'VBP']	participates	: ['VBZ']	
system	: ['NN']	least	: ['JJS']	
stimulation	: ['VB']	indicate	: ['VB', 'VBP']	
allows	: ['VBZ']	recent	: ['JJ']	
structures	: ['NNS']	cite	: ['VBP']	
lens	: ['NN']	interests	: ['NNS']	
mining	: ['NN']	that	: ['IN', 'WDT', 'DT']	
9,24	: ['CD']	tool	: ['NN']	
continuous	: ['JJ']	contribute	: ['VB']	
accurately	: ['RB']	cyber-society	: ['NN']	
internalizing	: ['VBG']	differentiate	: ['VB']	
focusing	: ['VB', 'VBG']	branches	: ['NNS']	
translation	: ['NN']	believe	: ['VBP']	
representing	: ['VBG']	than	: ['IN']	
semantics	: ['NNS', 'JJ', 'VBG', 'VB']	remember	: ['VBP']	
10	: ['CD']	13	: ['CD']	
12	: ['CD']	determines	: ['VBZ']	
effective	: ['JJ']	roles	: ['NNS']	
18	: ['CD']	distinguishes	: ['VBZ']	
database	: ['NN', 'NNP']	imply	: ['VB']	
su?cient	: ['JJ']	recording	: ['VBG']	
opens	: ['VBZ']	represents	: ['VBZ']	
were	: ['VBD']	accessed	: ['VBN']	
enables	: ['VBZ']	distinguished	: ['JJ', 'VBN']	
classi?ed	: ['VBN']	interactive	: ['JJ', 'NNP']	
behaviors	: ['NNS']	motivation	: ['NN']	
person	: ['NN']	navigate	: ['VB']	
dynamically	: ['RB']	di?cult	: ['JJ']	
mind	: ['NN']	direct	: ['JJ', 'VBZ']	
have	: ['VBP', 'VB']	need	: ['VBP']	
seen	: ['VBN']	regulate	: ['VB']	
linked	: ['VBN']	viewed	: ['VBN']	
relatively	: ['RB']	paths	: ['NNS']	
documents	: ['NNS']	built	: ['VBN', 'VBD']	
segmented	: ['VBN']	studying	: ['VBG']	
responsible	: ['JJ']	able	: ['JJ']	
isolated	: ['JJ']	mechanism	: ['NN']	
emerged	: ['VBN', 'VBD']	instance	: ['NN']	
high	: ['JJ']	concerns	: ['VBZ', 'NNS']	
build	: ['VB', 'VBP']	which	: ['WDT']	
educator	: ['NN']	objective	: ['JJ']	
SO	: ['RB', 'IN']	concern	: ['NN', 'VB']	
explanation	: ['NN', 'VB']	pursues	: ['VBZ']	
meta-languages	: ['NNS']	criteria	: ['NNS']	
meta ranguages	• [ 14140 ]	CIICCIIA	• [ 14140 ]	

The time_reprogrammediapoon	=_rolation.tri oquolocitti i 1000 i iibki		2010-17110-0111
play	: ['VBP', 'VB']	added : ['VBN']	
multiple	: ['JJ']	allow : ['VB']	
intersection	: ['NN']	object : ['NN', 'NNP', 'VBP']	
cip	: ['NN']	newell : ['NNP']	
most	: ['RBS']	detect : ['VB']	
experiences	: ['NNS']	complementing : ['VBG']	
pair	: ['NN']	phonological : ['NN']	
intrinsic	: ['JJ']	pages : ['NNS']	
subspaces	: ['NNS']	understands : ['VBZ']	
special	: ['JJ']	diversity : ['NN']	
into	: ['IN']	stronger : ['JJR']	
kn	: ['NNP']	order : ['NN']	
traditional	: ['JJ']	ways : ['NNS']	
chemical	: ['NN']	11,31 : ['CD']	
principle	: ['NN']	analogy : ['NNP', 'NN', 'NNS']	
hear	: ['VBP']	3,29 : ['CD']	
notion	: ['NN']	meaning : ['NN']	
laws	: ['NNS']	emerging : ['VB', 'JJ', 'VBG', 'VBZ']	
selection	: ['NN', 'VB']	shot : ['NN']	
show	: ['VB']	text : ['NN']	
charles	: ['NNP']	meta-models : ['NNS']	
converge	: ['VBZ', 'VB']	spaces : ['NNS']	
relation	: ['NN', 'NNP']	navigated : ['VBN']	
inventing	: ['VBG']	keywords : ['NNS']	
high-level	: ['JJ']	minsky : ['NNP']	
xml	: ['NN']	access : ['VB']	
indicator	: ['NN']	x1 : ['NNP']	
17,27	: ['CD']	knowledge : ['NN', 'NNP']	
situations	: ['NNS']	explain : ['VB']	
proportion	: ['NN']	should : ['MD']	
only	: ['RB', 'JJ']	going : ['VBG']	
enriched	: ['VBN']	versatile : ['JJ']	
rich	: ['JJ']	re-focusing : ['JJ']	
darwin	: ['NNP']	over : ['RP']	
	: ['VBN']	special-purpose : ['JJ']	
merged do			
his	: ['VB', 'VBP']	<u>.</u>	
externalized	: ['PRP\$'] : ['VBD']		
scientists			
perceive	: ['NNS'] : ['VB']		
-			
externalizes	: ['VBZ']	synchronization : ['NN']	
closely	: ['RB']	new : ['JJ', 'NNP']	
during	: ['IN']	beings : ['NNS']	
years	: ['NNS']	zoom-out : ['NN', 'VBG']	
pk	: ['NN']	?ow : ['NN', 'VBP']	
areas	: ['NNS']	closure : ['NN']	
processes	: ['NNS']	contributes : ['VBZ']	
resource	: ['NNP']	textbooks : ['NNS']	
remove	: ['VB']	underlying : ['VBG', 'JJ']	

	<u> </u>		
exercises	: ['NNS']	predicted	: ['VBN']
mapped	: ['VBN']	an	: ['DT']
including	: ['VBG']	metadata	: ['NN']
where	: ['WRB']	generations	: ['NNS']
view	: ['VBP', 'NN']	?lm	: ['NN']
knowing	: ['VBG']	set	: ['NN']
art	: ['NN', 'NNP']	farthest	: ['JJS']
reference	: ['NN']	publications	: ['NNS']
intelligence	: ['NN']	frame	: ['NN']
humans	: ['NNS']	richer	: ['JJR', 'NN']
actively	: ['RB']	are	: ['VBP']
w1	: ['JJ']	-rsb-	: ['NNS', 'NNP', 'JJ', 'CD', 'RB']
2.0	: ['NNP']	composed	: ['JJ']
creationist	: ['JJ']	techniques	: ['NNS']
explanations	: ['NNS']	capacity	: ['NN']
interacting	: ['VBG']	managing	: ['VBG']
movie	: ['NN']	-rcb-	: ['-RRB-']
nature	: ['NN', 'NNP']	incorporating	: ['VBG']
tend	: ['VBP']	future	: ['JJ']
various	: ['JJ']	low-level	: ['JJ']
cooperation	: ['NN']	between	: ['IN']
collaborative	: ['JJ', 'NN']	events	: ['NNS']
neither	: ['CC']	reading	: ['NN', 'VBG']
approach	: ['NN']	creative	: ['JJ']
involved	: ['VBN', 'JJ']	discovery	: ['NN']
preserve	: ['VB']	we	: ['PRP']
invention	: ['NN']	ability	: ['NN']
extend	: ['VB']	adding	: ['VBG']
wn	: ['NN']	interfaces	: ['NNS']
attention	: ['NN']	wk	: ['NN']
however	: ['RB']	inseparable	: ['JJ']
rules	: ['NNS', 'NNP']	consists	: ['VBZ']
interface	: ['NN']	modeling	: ['NN', 'NNP']
observer	: ['NN']	28,47	: ['CD']
both	: ['DT', 'PDT']	hyperlink	: ['NN']
etc.	: ['FW']	informatic	: ['JJ']
scale-free	: ['NN']	pre-designed	: ['JJ']
minds	: ['NNS']	re?ection	: ['NN']
sensitive	: ['JJ']	context	: ['NN']
logic	: ['NN']	attributes	: ['NNS', 'VBZ']
argue	: ['VBP']	adapted	: ['VBN']
comer	: ['NN']	comment	: ['VB']
among	: ['IN']	adjusted	: ['VBN']
regulates	: ['VBZ']	key	: ['NN', 'JJ']
point	: ['NN']	simple	: ['JJ']
format	: ['NNP']	granularity	: ['NN']
http://www.w3.org		period	: ['NN']
community	: ['NN']	audios	: ['NNS']
represented	: ['VBN']	maintained	: ['VBN']
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agents	: ['NNS']	exhibits	: ['VBZ']
learning	: ['NN', 'VBG']	path	: ['NN']
constant	: ['JJ']	actually	: ['RB']
factors	: ['NNS']	forms	: ['NNS', 'VBZ']
i.e.	: ['FW']	puts	: ['VBZ']
basis	: ['NN']	union	: ['NN']
create	: ['VB']	-rrb-	: ['-RRB-', 'NNP']
due	: ['JJ']	e-presence	: ['JJ']
strategy	: ['NN']	genetic	: ['NNP']
re?ecting	: ['VBG']	axis	: ['JJ', 'NNS']
interest	: ['NN']	basic	: ['JJ', 'NNP']
indicators	: ['NNS', 'NNPS']	telegraphy	: ['NNP']
pn	: ['NN']	topics	: ['NNS']
fig	: ['NNP', 'VB']	adapting	: ['VBG']
generating	: ['VBG']	arises	: ['VBZ']
in?uence	: ['VBP', 'NN', 'JJ', 'VB']	self-organized	: ['JJ', 'VBN']
route	: ['NN']	formed	: ['VBN']
subspace	: ['NN']	relevance	: ['NN', 'VB']
understand	: ['VB', 'VBP']	encapsulation	: ['NN']
thing	: ['NN']	general	: ['JJ']
present	: ['NN']	case	: ['NN']
p1	: ['NN']	uncertain	: ['JJ']
re?ects	: ['VBZ', 'NNS']	formalization	: ['NN']
developing	: ['VBG']	these	: ['DT']
physical	: ['JJ']	expanded	: ['VBN']
harder	: ['JJR']	empirical	: ['JJ']
value	: ['NN']	will	: ['MD', 'NN']
sln	: ['NNP', 'NN']	diverse	: ['JJ']
teachers	: ['NNPS']	behavior	: ['NN']
machine-level	: ['JJ']	investigating	: ['VBG']
high-rank	: ['JJ']	engineers	: ['NNS']
selected	: ['VBN']	changed	: ['VBN']
increment	: ['NN']	coupled	: ['JJ']
almost	: ['RB']	characteristics	: ['NNS']
is	: ['VBZ']	it	: ['PRP']
according	: ['VBG']	reads	: ['VBZ']
itself	: ['PRP']	experts	: ['NNS']
35	: ['CD']	in	: ['IN', 'RP']
primitives	: ['NNS']	elements	: ['NNS']
if	: ['IN']	result	: ['NN']
capture	: ['VB']	containing	: ['VBG']
education	: ['NN']	develop	: ['VB']
contents	: ['NNS']	author	: ['NN', 'NNP']
pay	: ['VBP']	make	: ['VB']
views	: ['NNS']	problems	: ['NNS']
cross	: ['NN', 'JJ']	externalize	: ['VB']
any	: ['DT']	member	: ['NN']
read	: ['VBD', 'VBP', 'VB']	another	: ['DT']
parts	: ['NNS']	split	: ['VBN']
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			• • • • •
largest	: ['JJS']	units : ['NNS']	
party	: ['NN']	several : ['JJ']	
	: ['JJ', 'NN', 'NNP']	start : ['VB']	
	: ['NN']	tried : ['VBD']	
	: ['NN']	49,50 : ['CD']	
used	: ['VBN', 'VBD']	commonsense : ['JJ', 'NNP', 'NN']	
	: ['VBN']	initialization : ['VB']	
published	: ['VBN']	effect : ['NN']	
<del>-</del>	: ['NN']	fruit : ['NN']	
moving	: ['JJ', 'VBG']	two : ['CD']	
necessity	: ['NN']	http://www.w3.org/tr/rdf-mt/: ['JJ']	
changing	: ['VBG']	interested : ['VBN', 'JJ']	
	: ['NNP']	recognizing : ['VBG']	
	: ['NNS']	implements : ['VBZ']	
	: ['NN']	lower : ['JJR']	
	: ['JJ']	dotted : ['JJ']	
	: ['NN']	framework : ['NNP']	
	: ['NN']	markup : ['NNP']	
	: ['CD']	well : ['RB']	
_	: ['NN']	thought : ['NN', 'VBD']	
	: ['NNS']	without : ['IN']	
=	: ['VB']	extensible : ['NNP']	
components	: ['NNS']	easily : ['RB']	
coordinate	: ['NN', 'VB', 'JJ']	organization : ['NN']	
	: ['DT', 'NNP']	sensing : ['JJ', 'VBG']	
	: ['JJ']	researchers : ['NNS']	
	: ['VBP', 'VB']	http://www.w3.org/tr: ['NNP']	
	: ['NNS']	just : ['RB']	
less	: ['RBR', 'JJR']	being : ['VBG']	
	: ['WRB']	accurate : ['VBG', 'JJ']	
	: ['NNP']	networks : ['NNS']	
	: ['VB']	front : ['NN']	
	: ['JJ']	<pre>identify : ['VB'] questions : ['NNS']</pre>	
	: ['CD']	<del>-</del>	
	: ['VBG']		
	: ['VB', 'NN']	<pre>captured : ['VBN'] exhibit : ['VB']</pre>	
apple	: ['NN']		
	: ['NN']	rapid : ['JJ']	
	: ['NNP']	thinking : ['NN']	
	: ['VBN']	large-scale : ['JJ']	
	: ['NN']	appeared : ['VBD']	
add	: ['VB']	belongs : ['VBZ']	
	: ['VBZ']	easy : ['JJ']	
	: ['NN']	input : ['NN', 'VB']	
	: ['VB', 'VBN', 'JJ']	has : ['VBZ']	
	: ['JJ']	match : ['VBP']	
	: ['VB']	real : ['JJ']	
•••	: [':', 'NNS']	explained : ['VBN']	
aspects	: ['NNS']	sequential : ['NN']	

TITE THE _TENTOGRAMMEDINFOOTIOE_	- Column of a color of the colo			<b>=0:0</b> -1/1:0□
intentionality	: ['NN']	situation	: ['NN']	
showing	: ['VBG']	digital	: ['JJ']	
possible	: ['JJ']	uni?ed	: ['VBN']	
early	: ['RB', 'JJ']	possibly	: ['RB']	
fusion	: ['NN']	19,20,25	: ['CD']	
preference	: ['NN']	listening	: ['VBG']	
30	: ['CD']	immediately	: ['RB']	
bit	: ['NN', 'RB']	depicts	: ['VBZ']	
color	: ['NN']	formal	: ['JJ']	
externalization	: ['NN']	naturally	: ['RB']	
social-level	: ['NN']	like	: ['JJ', 'VBP', 'IN']	
lost	: ['VBN']	follows	: ['VBZ']	
facets	: ['NNS']	51	: ['CD']	
zoom	: ['VB']	52	: ['CD']	
consensus	: ['NN']	predesigned	: ['JJ']	
individuals	: ['NNS']	indication	: ['NN', 'VB']	
become	: ['VB', 'VBN']	weiner	: ['NNP']	
ful?lled	: ['VBN']	32,33	: ['NNP']	
comprehension	: ['NN']	accessible	: ['JJ']	
node	: ['NN']	indications	: ['NNS']	
ecology	: ['NN']	old	: ['JJ']	
often	: ['RB']	deal	: ['VB', 'NN']	
sequence	: ['NN']	arrows	: ['NNS']	
b.	: ['NNP']	creation	: ['NN']	
some	: ['DT']	searching	: ['VBG']	
50	: ['CD']	understood	: ['VBN']	
economic	: ['JJ']	intelligently	: ['RB']	
images	: ['NNS']	indirect	: ['JJ']	
classes	: ['NNS']	organizing	: ['VBG']	
matching	: ['NNP', 'VBG', 'NN']	recognition	: ['VB']	
users	: ['NNS']	scale	: ['NN']	
dimensions	: ['NNS']	cnp	: ['NNP']	
establish	: ['VB']	recorded	: ['VBN']	
integration	: ['NN']	subclass	: ['NNS', 'NNP', 'NN']	
whole	: ['JJ']	k1	: ['NNP']	
quickly	: ['RB']	behave	: ['VB']	
worldviews	: ['NNS']	civilization	: ['NN']	
provides	: ['VBZ']	tends	: ['VBZ']	
1,5,19,20,26	: ['CD']	?ows	: ['NNS']	
semantically	: ['RB']	super-classes	: ['NNS']	
symbol	: ['NN']	refer	: ['VBP']	
hinder	: ['VB']	be	: ['VB']	
inter-connected	: ['JJ']	indicated	: ['VBN', 'VBD', 'NN']	
selecting	: ['VBG']	16,41	: ['CD']	
processing	: ['VBG', 'NN']	communicate	: ['VB']	
abstractions	: ['NNS']	evolve	: ['VB', 'VBN']	
although	: ['IN']	output	: ['NN']	
instinct	: ['NN', 'JJ']	from	: ['IN']	
ontology	: ['NNP', 'RB']	super	: ['JJ']	
		<u> </u>	<del>-</del>	

Title IIIB_Tiple ograffitEonpooleE_Total	doment oquotion i rocci i tak		
by	: ['IN']	takes	: ['VBZ']
comparison	: ['NNP']	about	: ['IN', 'RB']
works	: ['VBZ']	central	: ['JJ']
sharper	: ['JJR']	world	: ['NN']
individuals/objects		people	: ['NNS']
tracing	: ['VBG']	meta-model	: ['NN']
recognized	: ['VBN']	essential	: ['JJ']
range	: ['VB', 'NN']	important	: ['JJ']
rule	: ['NN', 'VBN']	neighbor	: ['NN']
shared	: ['VBN']	efforts	: ['NNS']
introduced	: ['VBN']	rebuild	: ['VB']
automatically	: ['RB', 'VB']	real-world	: ['JJ']
mathematical	: ['JJ']	primitive	: ['JJ']
own	: ['JJ']	presence	: ['NN']
previously	: ['RB']	instruments	: ['NNS']
image	: ['NN']	within	: ['IN']
indirectly	: ['RB']	three	: ['CD']
down	: ['RP']	services	: ['NNS']
appropriate	: ['JJ']	because	: ['IN']
been	: ['VBN']	artists	: ['NNS']
computational	: ['JJ']	centrality	: ['JJ', 'NN']
?nd	: ['VB']	methods	: ['NNS']
rely	: ['VB', 'VBP']	statistics	: ['NNS']
computer	: ['NN']	innate	: ['JJ']
area	: ['NN']	artifacts	: ['NNS']
panorama	: ['JJ']	support	: ['VB']
initial	: ['JJ']	question	: ['NN']
transform	: ['VB']	-lrb-	: ['-LRB-', 'NNP']
class	: ['NN', 'VB', 'NNP']	generation	: ['NN']
pronunciation	: ['NN']	much	: ['JJ']
sub-class	: ['NNS']	way	: ['NN']
step-by-step	: ['NN']	cultures	: ['NNS']
was	: ['VBD']	assumes	: ['VBZ']
therefore	: ['RB']	function	: ['NN']
media	: ['NNS']	conditional	: ['JJ']
economics	: ['NNS']	complete	: ['JJ']
triggered	: ['VBN']	forming	: ['VBG']
differences	: ['NNS']	constituted	: ['JJ']
regulating	: ['VBG']	but	: ['CC']
transformed	: ['VBN']	privilege	: ['NN']
repeated	: ['JJ']	understandable	: ['JJ']
externalizing	: ['VBG']	linguistic	: ['JJ']
lectures	: ['VBZ']	suit	: ['VB']
speci?c	: ['NN', 'JJ']	with	: ['IN']
shannon	: ['NNP']	raising	: ['NN', 'VBG']
he	: ['PRP']	also	: ['RB']
xi	: ['NNP']	consist	: ['VBP']
versions	: ['NNS']	whether	: ['IN']
sounds	: ['NNS']	attached	: ['JJ']

The this_hiprogrammeonpoore			2016年1月16日 8.5
up	: ['RP']	us : ['E	PRP']
different	: ['JJ', 'VBG', 'VBD']	record : ['V	/B']
replay	: ['VB']	stories : ['N	INS']
critical	: ['JJ']	mature : ['3	נ <b>ן'</b> [
continuously	: ['RB']	autonomous : ['J	J <b>J'</b> ]
piece	: ['NN']	similar : ['J	
called	: ['VBN']	distance : ['N	
model	: ['NN', 'VB', 'NNP']	changes : ['\	
associated	: ['VBN']	videos : ['N	
computing	: ['NN']	ai : ['N	NP', 'NN']
certain	: ['JJ']	abstract : ['J	
citation	: ['NN']	moved : ['V	'BN']
direction	: ['NN']	inferred : ['V	'BN']
1 1	: ["''"]	single : ['J	
enable	: ['VBP', 'VB']	right : ['J	
at	: ['IN']	ecological : ['3	
lifetime	: ['NN']	exist : ['\	
explains	: ['VBZ']	humanized : ['J	
happen	: ['VB']	constructed : ['V	
machine	: ['NN']		JJS', 'JJ', 'NN']
avoided	: ['VBN']		-LRB-']
48	: ['CD']	no : ['I	
photos	: ['NNS']	composing : ['V	
virtual	: ['JJ']	event : ['N	-
constantly	: ['RB']	application : ['N	
points	: ['NNS']	signi?cant : ['3	
sick	: ['JJ']	papers : ['N	
coherence	: ['NN']	er : ['N	
intention	: ['NN']	engineering : ['N	
poor	: ['JJ']	explaining : ['V	
repeat	: ['VBD', 'VBZ']		POS']
generates	: ['VBZ']	regardless : ['F	
emerges	: ['VBZ']	=	INS']
multi-channel	: ['VB']	<u> </u>	VRB']
time	: ['NN']	priority : ['N	
update	: ['VB']	includes : ['\	
waving	: ['VBG']	generated : ['V	
sociology	: ['NN']	14,38 : ['C	
song	: ['NN']		INS']
society-level	: ['JJ', 'NNP']		NN', 'NNP']
architecture	: ['NN']	building : ['V	
independently	: ['RB']	reach : ['N	
individual	: ['NN', 'JJ', 'NNP']	for : [']	
algorithm	: ['NN']	co-exist : ['V	
zooming	: ['VB', 'VBG', 'NNP']		/BN', 'VBD']
space	: ['NN', 'NNP']		/B', 'VBP']
together	: ['RB']		INS']
internalized	: ['VBN']	implied : ['V	
weights	: ['NNS']	back : ['N	N', 'RP']

behavioral : ['JJ'] recognize : ['VB'] sensed : ['VBN'] original : ['JJ'] augmented : ['VBN']