ule-based knowledge representation is useful for specifying inference							
sps in a declarative way.							
xample:							
lf (ro	gion color - groon) an	d (region location - nicture bottom)					
then (re	(region.color = green) and (region.location = picture-bottom) (region type = grass)						
L							
lules may exp	ress different types	of reasoning:					
tules may exp	oress different types → conclusion	of reasoning:					
tules may exp premise antecedence	ress different types → conclusion → consequence	of reasoning: logical implication inference from given preconditions					
ules may exp premise antecedence evidence	→ conclusion → consequence → hypothesis	of reasoning: logical implication inference from given preconditions interpretation of facts					
Premise premise antecedence evidence situation	→ conclusion → consequence → hypothesis → action	of reasoning: logical implication inference from given preconditions interpretation of facts situated behaviour informal paraphraso					





nules in OF35								
Syntax of a rule in	OPS5:							
<rule>::=</rule>	[P <rule-name> <antecedent>> <consequent>]</consequent></antecedent></rule-name>							
<antecedent>::=</antecedent>	{ <condi< td=""><td>tion>}</td><td></td><td></td><td></td><td></td></condi<>	tion>}						
<condition> ::=</condition>	<pattern> I - <pattern></pattern></pattern>							
<pattern> ::=</pattern>	[<object> {^<attribute> <value>}]</value></attribute></object>							
<consequent> ::=</consequent>	{ <action< td=""><td>n>}</td><td></td><td></td><td></td><td></td></action<>	n>}						
<action> ::=</action>	[MAKE <object> {^<attribute> <value>}] [MODIFY <pattern-number> {^<attribute> <value>}] [REMOVE <pattern-number>] [WRITE {<value>}]</value></pattern-number></value></attribute></pattern-number></value></attribute></object>							
		ska alasa ta	each other and with	n equal s	size, mal	ke them		
Example: "If there wheel pair"	are 2 di:	SKS CIUSE IU			_			
<u>Example</u> : "If there wheel pair" [P find-wheel-pai	are 2 di: r [disk	Alocation	<x1></x1>	^size	<y>]</y>			
Example: "If there wheel pair" [P find-wheel-pai	are 2 di: r [disk [disk	^location ^location	<x1> l<x2> - <x1>l < 10</x1></x2></x1>	^size ^size	<y>] <y>]</y></y>	>]		
Example: "If there wheel pair" [P find-wheel-pai	are 2 di⊧ r [disk [disk <i>Va</i>	Alocation Alocation Alocation	<x1> <x2> - <x1> < 10</x1></x2></x1>	^size ^size	<y>] <y>]</y></y>	>]		



