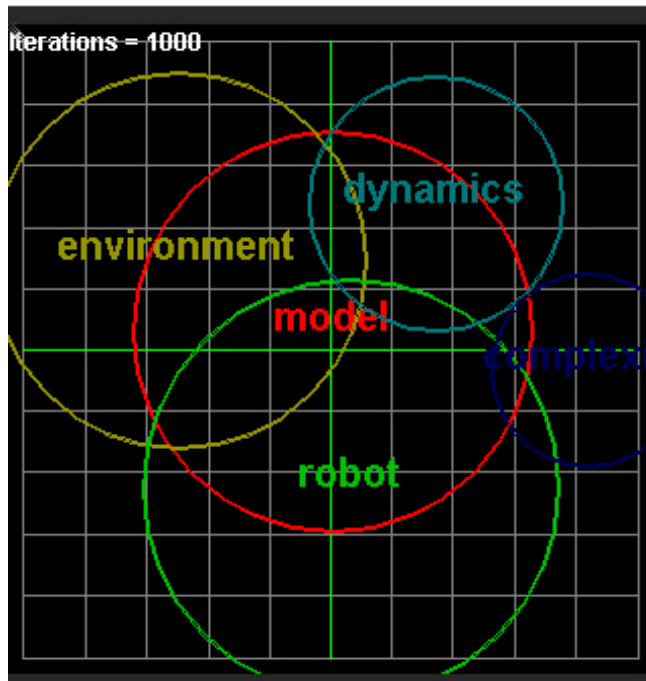


APPENDIX:

Top themes extracted from all abstracts accepted to ECAL 2007, produced the Leximancer (courtesy of Janet Wiles)

Concept	Absolute Count	Relative Count
<u>model</u>	119	100%
<u>system</u>	95	79.8%
<u>evolution</u>	92	77.3%
<u>results</u>	64	53.7%
<u>environment</u>	58	48.7%
<u>behavior</u>	57	47.8%
<u>present</u>	57	47.8%
<u>network</u>	56	47%
<u>robot</u>	55	46.2%
<u>agents</u>	52	43.6%
<u>simulation</u>	50	42%
<u>process</u>	49	41.1%
<u>simple</u>	46	38.6%
<u>show</u>	43	36.1%
<u>mechanism</u>	41	34.4%
<u>complex</u>	41	34.4%
<u>dynamics</u>	39	32.7%
<u>artificial</u>	39	32.7%
<u>problem</u>	39	32.7%
<u>based</u>	36	30.2%
<u>learning</u>	36	30.2%
<u>approach</u>	33	27.7%
<u>population</u>	31	26%
<u>study</u>	31	26%
<u>genetic</u>	30	25.2%
<u>individual</u>	30	25.2%
<u>neural</u>	28	23.5%
<u>selection</u>	28	23.5%
<u>organisms</u>	27	22.6%
<u>method</u>	26	21.8%
<u>conditions</u>	26	21.8%
<u>level</u>	26	21.8%
<u>information</u>	25	21%
<u>social</u>	25	21%

Top Themes produced from Leximancer set at 65% coverage themes (courtesy of Janet Wiles)



Top co-occurring (stemmed) word pairs in abstracts

neural--network
chang--environ
artifici--life
simul--result
autonom--robot
evolutionari--algorithm
evolutionari--robot
comput--simul
genet--algorithm
robot--mobil
cellular--automata
interact--between
artifici--chemistri
agent--adapt
pressur--select
neural--control