REVIEW GUIDELINES

Some points to consider and address when reviewing papers. Also be sure to read the paper by A. Smith that was distributed in class.

GENERAL

1. Are key terms defined? If not, which definitions are omitted or inadequate?
2. Is the paper well written? Is the use of English correct, clear and concise? What about spelling?
3. What are the principal claims made by the author? Is the claim justified by the contents of the paper?
4. What is the main result(s) of the paper?
5. Is the main result new and important and, if so, why? Or is it either an incremental improvement on earlier work or a rehash of earlier work?
6. What techniques are used to support the author’s claims (Analysis, Simulation, Experiment)?
7. What are the best features of the paper? What are the worst features of the paper? What is missing? How can the paper be improved?
8. What future work does the paper suggest or imply?

ANALYTICAL RESULTS

1. Are theorems/lemmas clearly stated?
2. Are proofs correct and complete?
3. Do the theorems and proofs justify the author’s claims?

SIMULATION RESULTS

1. Is the system being simulated adequately described?
2. Are simulations described in such a way that it would be possible to repeat the experiment? In particular, are the parameters, their range of values and their relationships to each other clearly described? Are any key (to evaluating the correctness and impact of the simulation) parameters, their values or relationships to other parameters not clearly specified?
3. Are simulation results presented clearly and is this done for a useful range of values?
4. Do you believe that the simulation adequately support the author’s claims? If not, why?

EXPERIMENTATION

1. Did the author implement all or part of the system discussed?
2. Is the implementation interesting in its own right and, if so, why?
3. Are performance results of experiments reported and, if so, do the results provide evidence for the author’s claims?

REVIEW FORMAT

1. Paper title, reviewer name on separate lines (centered, font: times new roman bold, size 12)
2. One page, single space, margin 1 inch (top, bottom, left, right), font (times new roman, size 11)
3. Reviews must conform to this format. Points will be taken off for non-conformant reviews.