Summary of Computer Ethics

Make a list of items which you consider central for each of the topics below. My answers plus class readings:

- **techniques of ethical analysis**
  - case studies and dilemmas
  - utilitarianism
  - idealism
  - relativism
  - human rights and duties
  - fairness and justice
  - virtue
  - ethical egoism
  - communal good
  - psychometrics, sociometrics
  - argumentation
  - information mapping
  - professionalism
  - deep feeling
  - informed discussion
  - codes of ethics
    - *Ten Commandments for Computer Ethics*
    - *ACM Code of Ethics and Professional Conduct*
    - *Software Engineering Code of Ethics: Approved!*
  - spiritual belief

- **central issues for computer ethics**
  - privacy
    - *Camp, Web Security and Privacy*
  - ownership and property rights
    - *Spinello, An Ethical Evaluation of Web Site Linking*
  - accountability and agency
    - *Ulrich, IT Ethics*
  - trespass (hacking) and computer crime
    - *Tavani, Defining the Boundaries of Computer Crime*
  - regulation and control
    - *UTICA Case Study*
  - accuracy and digital trust
    - *Smith, Limits of Correctness in Computers*
  - instrumental, digital reasoning
    - *Weizenbaum, Computerized Gods*
    - *Weizenbaum, Against the Imperialism of Instrumental Reason*
  - disembodiment (avatars, cyborgs, simulacrum)
    - *3D Interactive Virtual Worlds*
  - the nature of software (open-source, patentable, etc)
Computer Ethics

Walker, Programs Are Programs
Lessig, The Laws of Cyberspace
Raymond, The Cathedral and the Bazaar

access and cyberliteracy
security and encryption
freedom of speech and censorship
the differences between reality and virtuality, social values

• ways that computer ethics impacts society and culture

living in virtuality
Berry, Why I Am Not Going to Buy a Computer
Virtual Reality, As Unreal as It Gets
trust in digital machines
Inappropriate Computation Dilemma
ecommerce and the new economy
Capitalist Dilemma
transformation of the work environment
Kreie & Cronan, Making Ethical Decisions
addiction
Cyber-addition Dilemma
technological utopianism
Joy, Why the Future Doesn’t Need Us
corporate giants
Massive Impact Dilemma
hacktivism
Manion & Goodrum, Terrorism or Civil Disobedience:
Toward a Hacktivist Ethic
ownership of virtual properties
surveillance and loss of privacy and autonomy
electronically mediated communication
digitization of cognition
administrative cluelessness
new paradigm for science
Triviality Dilemma

• how you anchor you own ethical perspective?

deep feeling
ethical egoism