Notes on the January 25th meeting

Ideas for Handbook projects for other sites. In more or less descending order of importance:

- Search. Either send the whole section to CMU or just the overview (IIA), the overview of heuristic techniques (IID1), and the section on exemplary programs (IIE*). Waiting to hear from Rick Chestek about his progress.

- Applications. Andy and Larry are going to reorganize this section, incorporating some of the old Rutgers articles. Specific articles discussed:
  
  DENDRAL (XIA1) --> Peter Friedland
  Organic Synthesis (XIA2) --> Rutgers
  MYCIN (XIB1) [two articles, Jan's and Rutgers]
  AIM (XIB2) [Rutgers article] --> Rutgers
  B&M Applications (XIE) [Rutgers articles] --> Rutgers
  Education --> Avron

- AI Languages. Bill and Reid should be on top of this section, but two needed articles could be farmed out: Pattern Recognition (IVB3) and Deductive Mechanisms (IVb4).

- Theorem Proving. Once again, either send the whole section to CMU or just the subsection on resolution (VIB*). What we felt to be important from TP is all there, but needs some work. To be a "partial" section in version 1.

- Natural Language. Will be finished off in the next two weeks if possible and used as an example for sections to be farmed out to other sites.

- Representation. Avron is going to try to get this in shape. One article to be shipped out if possible:
  
  Procedural Representation (XIIIB5) --> Lenat

- Robotics. Good articles, but someone has to read them over.

- Automatic Programming. This section is pretty much done, but needs to be hung together, and is not top priority. It could be sent to CMU in toto.

- There are several Reasoning by Analogy articles (3 from Rutgers) which should be combined. Could be sent back.
- Vision. Needs to be condensed. Most info is there, except for Peter Hart’s overviews, but too many short articles; need to be hung together. Could send the whole thing to CMU, but low priority; probably shelve for version 1.

- Summary for the time being (Version 1).

The following sections will for the most part be shelved:

- Human Information Processing
- Vision
- Learning and Inductive Inference

And the following may be only partially done:

- Introduction – The BIG Picture
- Automatic Programming
- Theorem Proving

CMU might be of help on the following sections:

- Search
- Theorem Proving
- Automatic Programming
- Vision

Rutgers looked most helpful on:

- Applications
- Reasoning by Analogy

- SUMEX desperately needs new tape drives.