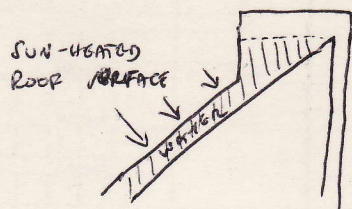


THERMAL ROOF

212

1980-8-16



Concept: the heated water expands and drops down a pipe for use at a lower level. If weather is cold or night falls, expansion does not take place and no flow occurs.

"INVERTED TEXT STORAGE"

1980-8-17

To access terms in text, rapidly, it is necessary to set up an index file under each term, with references to each item containing the term.

This index is ^{effectively} in alphabetical order of terms.

Is it possible to devise an alternative, e.g. one which sacrifices the natural order of words in the text or records this some other way? Is a FIS approach possible for individual words?

1983-2-28

Information storage in chemical allotropes/isomers

Many chemical compounds exist in ^[Etilio: isomers] allotropic forms which switch off/on through the application of small energy applications. Tiny domains of such chemicals could be used to store information.

Key is to find signal medium which treats the two ~~the~~ allotropes differently. Most likely one is polarized light - many isomers are "optical isomers" and rotate polarized light differently.

(There are 2 different mechanisms here, somewhat confused - but principle is there).