hust Clam or Concept Learning

Most switchte: Inductive I carriery General trule

"Multiple conselves on a data can be defined"
Borlean rahned func. - concept

Concept Leaving Bool. J(n) + teating enouplos

Target Concept - time. / concept which has to be deared by the machine.

 $c: \chi \rightarrow \{0,1\}$ 

God + Field a Hypothysis over detent X

h(n) ~ c(n)

which is approx. = tayor concept.

"Choosing the book h(h) pun a large possible h(n) rpare"

Juck stat is appear. = taget concept"

Simplest way to represently fotheris - Conjunction of constraints on instance attributes

`T'F'?'O

I Chrs Onamples. Specific a Jonard typothesis n, TETTV nz TETTV n3 TETFV m(T, F, ?,?)My TFFTV FFFF.X t ha is more specialic hy is more generic " Most speailic" anghaming eg hast generic <1,1,1,1,7> 3 get-chickly diship by pothesis = 4 x 4 x 4 x 1 - 256 Semantically ? (1, \$, F, F) <丁/ド, 中, F> \$ for any one: I serantically since Scrantically district = 3×3×3×3×1

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JUgantiany district - U/ Find - S Algo. for Concept Learning 1/2 miles Mypothesis finding a manimally specific typothonis 1.) Initialice has most epicofic いこくり, り, り, り> 2.) For each the instance of in For each containt in H if ai is a string by the most goneral constraint. 3.) Repeat 2