

INTRODUCTION

Models are very important books itsect is most science. This is because it helps one to gain a perfect understanding of the Scientific duelopme Models are also instruments which makes it profess easy understanding, recognizing and duel principles.

We are going to discuss Mooled in detail, as felle

MEANING OF MODELS.

Models are representational Catagory used to Capte the universe or aspects of the reniverse, neture and reality. Models represent phenomenon or theories for Instance the matimatical formula "Force = Mass x Acceleration (F=MA) is used to represent all events in the universe where force is applied. Models perform basically two furdamentally diff

sepresentational functions

A model cambe a representation of selected port of the world, slepending on the nature of the phenomenon A model cam also represent a theory on the Sanse that it interprets the Law and axioms of the theory.

The San	MODELS AS REPRESENTIONAL CATEGORIES.
The state of the s	This would be explained moder too fundamental function.
9.4 4 2	Models represent Theories
८.	Model represent Object of reality
	The second secon
100	Moder as Therries.
in the second	Theories are statements about aspects of the world
tient .	that have analogone series of experimentation in various
100	places and still proves itself to be take.
	A Model Theory is a theory that have been generally
	accepted and has proven indisputable such that it stands
ret e	out as standard for formulating and ennacting new
il Roll	theories Hence a theory becomes a model if it can be
	used to interpret another theory as well as boing out
30	the solutions and consequences.
No.	and the periodicine a law one put the distance of
	Models as Representation of Objects of reality.
	Models also sepsesents objects in the physical
	world However, characre some objects that he a
	representation, they capture essential features of a
LA MAN	eystem or Phinomenon, while abstracting away
	irrelevant details. They can be mathematical, conceptual

or physical representation. An issue here is how on models represent things which are not empirical that is though which are not observable.

SCHOOLS OF THOUGHT

There are two philosophical schools of thought that propose what model should seprensent.

Empiricism Realism.

THE VIEWS OF EMPIRICIET.

Empiricism is a philosophical school of thought that charm that knowledge comorty be derived from the sales. They argue, should sepresent only things that a the senses can perceive. Hence whatever the five senses are not able to observe should not be represented by Models. Empiricist dissegard not empirical repolities.

THE NIEW POINT OF REALISM.

Aso be supresented by models. Since sealined models represent seal aspect of the remiserse, they argue

that models should provide insight into the structures of reality oven if they are idealized or simplified representation.

UNGRUSTICS AND NOTHLINGUISTIC MODELS.

Linguistic Models deals with the rise of Language to Capture or represent aspects of scalifies in the numerical world. Frampus of such models are: Mathematical

Non firegulatic models deals with the rule of objects to expresent realities. It is aimed at reducing the excessive ruse of Language. Framples are picture sketche.

THE CRUIS WITH REPRESENTATIONAL STYLE OF MODEL.

The crisis with sepsesentational style deals with whether a model should sepresent an object in its exactitude or not? That is, what is the best way to modelize an object. Must a model be an exact sepresentation of what if sepsesents? This is the problem of exactitude and Similified.

- EXACTITUDE:

Those in this group are of the opinion that models

should be the exactly the same with what it represent thos posses a problem; if models are exactly the same with the object it represents, what then make a model a model different from the other? How can model be identified between the it and the trule object. Exactitue of Models makes model to loose it status as model.

SIMILITADE.

This gettle propose that models should not be east the some but should be similar to the object they one sepassanting. This also has it own problem, which is "How similar should a model he to the object it is representing such that it does not become exactly the some with the object can still be identified as a model of that object and not something else.

this sumanies the Crisis of sepresentational models

IMPORTANCE OF MODELS.

Some of the importance of models include.

1. Models makes understanding easier and faster.
2. 10 summariges and reduces the use of words in

		Lighted properties are apply from the recommendation of the properties and the properties of the properties and the properties
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na.		Language.
4	3.	Models makes it easier to identify a trisity.
2		Models also enables serve as fromework for hypothesis.
-	5.	Models facilitate Communication and education.
de		Conclusion.
/		Models
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garaga	in a second which we consider the second with	
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