MAI014 4/w/21

1.1 Sets & 1.2 Numba system

Def: A set is a collection of element

t dement of

I there is/exists

\* not on element of

y for all

Defining sets:

eq  $\{x \in \mathbb{Z} : \infty^2 < 19\} = \{-4, -3, -2, -1, 0, 1, 2, 3, 4\}$ 

N= {0,1,2,3,4,...}

B TER, eck

a 7/3 e a

& empty set or {}

menuls

- closed [] [0,6]={xek:a(x6)}

- open ()(a,b)={x = K! a < x < b}

Relatives and Operations

A 1 B "in A and in B"

A U B "in A or in B"

A' "not in A"

B\A "in B but not in A"