MAT 3101 - NOTES ON REAL NUMBER PROPERTIES AND PROVING

REXL & COMPLEX NUMBERS	sympous	Difference of the New York	
> PAKOTION HA HOP Y	Y POR KU		Suppose no such interes n DOLSE
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> RATIONER / IRRATIONAL	E ELOMAN		n & y
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80 V		7341	INTERES DO NOT HAVE AN UPPER BOUND.
7 PRIME NOS FACTORS ! 1 & ITSELF	V OR		3 4
rrangers passing a	A CONTRACTOR OF THE PARTY OF TH	- Isang nas	LUB PROPORTY
THE ORDERING OF THE SET R	ARCHIMEDOM PROPERTY		IF 5 15 & nonampty set of Real Nos.
IF X-y IS A POSTINUE NO. WE WRITE	IF X & Y ARE POSITIVE REALS WITH		WHICH HAS IN UPPER BOUND, THEN S
X>y	o < x < y Then	THERE IS AN IMEGER	HAS A LEAST WPPER BOUND.
IF X-y 15 & non-necoditive no.	15 & non-necotive vio.		(Penomp By sup S)
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IF X-y IS MESITIVE WE WRITE	PROOF:		GIB
xcy			DIREY Was a service of the service o
IF X-y is non-POSITIVE	WE SHALL CONSIDER THE CASE		byoxy vignompty set up has vig
×≤y	WHERE		Which is Bounded Berow Has &
FOR MY X, 19 WE HEDE X=4 OR XX4	× <y< td=""><td>GREATER LOWER BOUND.</td></y<>		GREATER LOWER BOUND.
The New Chapters Francisco CASIC - ONE PROOF :		15 BY CONTRADICTION.	(Penerso By inp 5)
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> PREWENT		4-100	
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