wind the a soul with the second with the second
Observation (Proof): The statements as a so of the brank theorem follow
from our discussion of finding the bases for GIA and how A rup.
In each case, the no of lasts vectors corresponded to the
number of pivot dements in BREF matrix & of a girn
matrize A.
· For statement a), Asservation that observe that pivot column of R
correspond to how victors of GA (lading variables of the
honogeneous system), whereas the remaining columns corresponds
to lais rectors of Nul A (free variably of homogeneous system
Since, the total no of columns = no of variables = n
n = rank (A) + nullity (A), as tog required.
Neelgagan