Thus Any ving is isomorphic to a ring of

Endomorphisms of an abelian gp.

Ef let R be a ving, M=(R,+,0).

Let $\Phi: R \longrightarrow E_{n}dM$ $\stackrel{\psi}{a} \longmapsto (x \mapsto ax)$

Note: \$\tilde{\Psi} : a \rightarrow (x \rightarrow xa) is an anti-homomorphism reverses order of multiplication.

Let (M, +, 0) be an ab gp, Raring.

RCM makes M an R-module.