I. FUNCTORS

A_VFUNCTOR F: 6 -> 8 (RESP., CONTRAVARIANT) CONSISTS OF:

(a) F(X) & D YXER.

(b) F(g) ∈ Homa (F(X), F(Y)) (RESP., F(g) ∈ Homa (F(Y), F(X))) ∀g:X-Y∈ E.

RESPECTING:

- · F(idx) = id F(x) YXE&
- F(hg) = F(h)F(g) $\forall g: X \rightarrow Y, h: Y \rightarrow \xi \in \mathcal{C}$ (RESP., F(gf) = F(f)F(g) $\forall f: W \rightarrow X, g: X \rightarrow Y \in \mathcal{C}$



/ IR FIELD

