

Hostzented lines: (a-b), (e-d). -> Represent, suchox oxn, which are independent of PH.  $(redor rx^n)$  Fe(s)  $\rightarrow$  Fe<sup>2+</sup> + 2e<sup>-</sup> (ay). vertical lines: (d-+) (b-n). Pepsesents non section oxn. Es are not 'imported which depend on pH. (acid buse rxn) 2 Fe 3+ 302 Fe 2 0 3/5). Fe2+ +20H -> Fe(OH)2(5) Diagonal lines (de-0), (6-)) Represent the realon oxn which deposed on PH (aid-base rin) (1-d) 2 Fe (ag) + 3 H20 -> Fe 203 + 6H+ +2e (b-)) Feis, + 20H (04) -> Fe(0H)2 + 20 pussivution. worosi was ( Amodil Forsi varion.) (cathodic Hon) protection.