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Exi The should topology on the is gow by
    B = 5 (a, b) / a, b (- R)
ex! Bo = { [a,b) 1 a,bc@3 lower limit topogy 12/
25 By = 8 (a,b) 3 U 8(u,b) / k} K = & 1/1 NE 28 >0 }
    K topology Pex
Det 1 If 3 & 3' me topologia on X
    OTF TST' => T' is fine than 7 (Strictly fines)
                             (strictly finer)
   @ If J'EB => T' is coarsed the T
                              Corrictly coorses )
            (7)
   3) If nextur me true => T, T' me not comparently
 ~ Trivial top Jinix is The coarsest topology on X
              The rest topology on x
Lemma I IB, B' one brees for 3,3' on b.
    TPAE:
     Dy is Rose from I
     23 4 x EX each book eff BEIB 3 BEB S.4 XFB'CB
 Private == 1 in age is a minimum in 3'
      2=>1 let UED WIS UED!
   CO JB' (B) SH XEB' SBEW = U BN AB,
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