```
K(E) = max [ S(E(ZEG))] - ZhS(EGO)]
                                                                                                                                                                                                                                                                                                                                                                Generic ememble: [Ki, Ki], Kj = Ich 14:01X4:01
                                                                                                                                                                                                                                                                                                                                                                                                               Pure - Mate ensemble: {pi, sis, pi = | di X di 1
                                                                                                                                                                                                                                                    Proof: Can and Sperses st. Prese = Idioi/ and - Epespers > - Exilty
                                                                                                                                                                                                                                                                                                         Claim: Y & x; x; f, grantile for fit s.+ s(Zpipi) - Ipis(pi) > s(Ex; xi) - I x; s(xi)
                                                                                                                                                                       12/2 ×
                                                                                                                                                                                                               PART 2 Zajaj = Zaj Zaja Zaja Zajaj (14, wx 4; w))
                                                                                                                                                                Let più = |4,00 X4,001, più= ajc; (1). clearly Zpijiù= Za, xj, as deowed.
                                                                                                                           ((1) Pus (pus) = - [ 22] [ c; (1) 5 ( 2 (14; (2) X 4; (2) ) )
                                                                                - 2 x 5 (2 (2 c, 0) + 40 x 4; 0) )
                                            =- 12x; S(ZG; 0)8(14;0)X4;01))
                                                                                                                                                                                                                                                                                                                                                                                                                   E( 7 Pipi) = [ 19 819])
                                                                                                                                                                                                                                                                                                                                                                                                                                                 rasmil 3 smuch
- J& Pc, 015 (E(14:0) X 4:01)), as observed!
                                                                                                                                                                                                                                                                                                                                                                (19) = 2(p), m'= 2(p)
```