6. Smax (01,b) = max {a,b}. · SM,1)= max /1,17=11 · Slo, a) = max {0, a} = a : ((a,b) & s(c,d) a < c, Supongamos a & b. y C & d  $\max\{a,b\}=b\leq d=\max\{c,d\}$ Unadago arby czd. Supongamos a = b y c > d.  $\max\{a,b\} = b \le d \le c = \max\{c,d\}$ Supengamos arby ced max {a, b} = a < c < d = max {c, d} " S(a,b) = max {a,b} = max {b,a} = S(b,a)  $\therefore \mathcal{G}(f(a,b),c) = \max\{\max\{a,b\},c\}$ Impunganas  $a \le b \le c$   $A = \max\{b, c\} = c = \max\{a, c\}$ = max{a, max{b,c}} Analogo a bease. Supergame C=0.4b 1=mux(b,c}=b = mox(a,b} = mox(a,max(b,c)} incologo a Cébér. Supengamos asicsb, A=max{b,c}=b
= max{a,b}
= max{a,max{b,c}}

undlogo a becsa.

```
(S(a,b) = a+b-ab
                                                        S(a,b) = min\{1,a+b\}
   S(1,1) = 1+1-1=1
                                                          · S(1,1)= min{1,1+1}
· S(0,a) = min{1,a} = a
· S(a,b) < S(c,d), a < c, b < d.
   S(a,b) = 0+a-0·a=q
S(a,b) = S(c,d), a=c y b=d.
                                                        Supergrames a+ 1 = 1 | O26 = min (c+d, 1).
   asc y bsd
                                                       Gangemer a+b>1 \Rightarrow c+d>1

S(a,b)=1\leq 1=min\{c+d,1\}
 1-d = 1-b
 1-c ≤ 1-a
(1-d)(1-c) \leq (1-a)(1-b)
                                                          S(S(a,b),c) = min {1, min {1, a+b} + c}
A-(d+c)+dc & X-(a+b)+ab
a+b-ab & c+d-cd
                                                        Syrongamos arb>1, b+c>1
  : S(a,b)=u+b-ab=b+a-ba=S(b,a)
                                                              1 = min{1, 1+c} = 1 = min{1, 1+a}
                                                      = min{1, min{1,b+c}+a}

Supongamos a+b>1, b+c<1
   S(S(a,b),c)=[a+b-ab]+c-c[a+b-ab]
                = a + (b+c)-ab-ca-cb+abc
                                                     1=min{1,1+c}=1=min{1, a16+c}
=min{1,0+min{1,6c}}
Syzongamos Olo61, 6+c>1
                = a+(b+c)-a(b+c-bc)-cb
               = a+ (b+c-cb)-a(b+c-bc)
               = S(a, S(b,c))
```

```
1 = min{1, a+b+c} = 1 = m:n{1,1+a}
= min{1, a+min{1,b+c}}

Syzongamos a+b = 1 y b+c = 1

A = min{1, a+b+c} = min{1, a+min{1,b+c}}.
```

```
S(a,b) = \ \ \frac{a, b-v}{b, a=0} \ \frac{1}{a, b>0}
     S(1,1)= 1
S(ga) = a
: S(a,b) = S(c,d), a=c, b=d
      Supergams C=0 \Rightarrow a=0.

S(a,b)=b \le d=S(c,d)
     itralogo a d=0.
    Sypanyams c, d > 0
                                                                                                                      a, c=0,b=0
b, c=0, a=0
C, a=b=0
-1, therwise
             S(a,b) < 1 = S(c,d)
         \int S(S(a,b),c) = \int S(a,b) \cdot c = 0
                                      > 1, C701(a70 v 6 > 0)
      S(a,B,c) \rangle = /a, S(bc)=0 \longrightarrow a, b=0, c=0

S(b,c), a=0

(1, S(b,c), a > 0) b, a=0, a=0, b=0

(1, a=0, b), a=0, (b>0 < c>0)

(1, a>0, a>0
                                                                                                       a b=01c=0
b, a=01c=0
c, a=01b=0
                                                                                                      1 Otherwise
```