**SEARCH TREE OF CRYPTIC ARITHMETIC GAME**

**A=4**

**/ | \**

**(B=2) (B=7) (B=1)**

**| | |**

**(E=1) (E=3) (E=0)**

**/\ |**

**(M=9) (M=2)**

**/\ |**

**(5=6) (5=8) (S=4)**

**| /\ |**

**L=5 L=5 L=2 (L=6)**

**| /\ /\ |**

**(G=0) (G=9) (G=1) (G=0) (G=3) (G=0)**

**A = 4**

**B = 2**

**E = 1**

**G = 0**

**L = 5**

**M = 9**

**S = 6**

**B A S E 2 4 6 1**

**B A L L 2 4 5 5**

**--------------------- ----------------**

**G A M E S 0 4 9 1 6**