```
Journal OUT0600041
g(x,y) = (x+2y)\sqrt{1-2x^2-4xy-4y^2}

0.0. 1-2x^2-4xy-4y^2 = 0
      novarane u=x a v=x+2y, T.e. f(x,y) = V/1-12-v2
 D.O. \{(2, V) | u2+V2 \le 13 -> uzalegballe za HTC u HMC
 \frac{\partial g}{\partial u} = \frac{-uv}{v_1 - u^2 - v^2} = 0
\frac{\partial g}{\partial v} = \sqrt{1 - u^2 - v^2} = 0
   \begin{vmatrix} 1 - 2u^2 - v^2 = 0 \\ -uv = 0 \end{vmatrix} sa u = 0 \Rightarrow v = \pm 1
 =) CTay. TOTA: (0,\pm 1) u(\pm \frac{1}{6},0), T.X(0,\pm 1) or HONTYPOX=)
     Topan. 9" Br. (4,01+(-6,0)
     800 goto 9 g (u, o) = u 17-u2
    OT Teopellara na Bantepapac pagneyarra cruna HTC a MUC
              B X: (U,V) | W+V2 61.
        Una 2 cray rown
   g( (10) = 1 70 -> CTOLIN. NO YOUTHPA, HIC
   9(-1,10)=-120-> HUC
   3a = \frac{1}{2}, v=0 =) = \begin{cases} v=x+2y \\ v=x \end{cases} \times =0, y=\frac{1}{2}, \tau(0, \frac{1}{2})
  30 U= -1 V=0 =) X=0
HTC Y=-1
=) g(x,y) goctura 1 6 Torvara (0,1)
  g(x,y) gornea MMC -1 67. (0,-1)
```