(12) 
$$A(0,2,0)$$
  $L(AD,AB) = L(AD,AG)$   
 $B(2,3,2)$   
 $C(2,2,4)$ 

$$P = \frac{X}{1} = \frac{y-3}{2} = \frac{2}{2}$$

$$P = \begin{cases} x = t \\ y = 2t + 3 \\ z = 2t \end{cases}$$

$$\frac{8+1}{3} = \frac{10+}{255}$$

$$t = \frac{255}{2(15-855)}$$
  
 $t = \frac{55}{15-855}$ 

$$D(\frac{-\sqrt{5}}{8\sqrt{5}-40})\frac{-2\sqrt{5}}{8\sqrt{5}-45}+3,\frac{-2\sqrt{5}}{8\sqrt{5}-45}$$