

$$t = -(u+v) = -\left(\frac{4}{3} - \frac{2}{3}\right) = -\frac{2}{3}$$

$$w = w' = 1$$

Now, in order to get the lowest set of integers, it is necessary to multiply all indices by the factor 3, with the result that the direction D is a $[4\bar{2}\bar{2}3]$ direction.