```
Part i)
In [1]:
         import numpy as np
         np.set_printoptions(suppress=True, precision=3)
        Part ii)
In [2]:
                  2.259, 295.
        array([
                                      1.342, 183.
                                                          0.616,
                                                                   50.
Out[2]:
                                               90.,
                  0.489,
                          14.
                                      1.147,
                                                         7.549, 2969.
                  2.053, 374.
                                      0.636,
                                               67.
                                                          3.15 , 378.
                 10.314, 1886.
                                1)
        Part iii)
In [3]:
        array([[
                   2.259, 295.
                                  ],
Out[3]:
                   1.342, 183.
                                  ],
                   0.616,
                           50.
                                  ],
                   0.489,
                            14.
                   1.147,
                           90.
                                  ],
                   7.549, 2969.
                                  ],
                   2.053, 374.
                                  ],
                   0.636,
                           67.
                                  ],
                   3.15 , 378.
                                  ],
                  10.314, 1886.
                                  ]])
       Part iv)
In [4]:
        # Dimensions: 2
        Shape: (10, 2)
        Part v)
In [5]:
             0 -> 2.2587
             0 -> 1.3422
             0 -> 0.6159
        3,
            0
               -> 0.4887
             0 -> 1.1474
        5,
             0 -> 7.5492
        6,
             0
                -> 2.0532
        7,
             0
                -> 0.6363
               -> 3.1504
            0 -> 10.3136
        Part vi)
In [6]:
```

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```
]])
       Part vii)
 In [7]:
Out[7]: array([[ 1.342, 0.616, 0.489], [183. , 50. , 14. ]])
       Part viii)
 In [8]:
Out[8]: array([[ 13.422, 6.159, 4.887], [1830. , 500. , 140. ]])
       Part ix)
 In [9]:
Out[9]: array([[ 14.764, 6.775, 5.376],
             [2013. , 550. , 154. ]])
       Part x)
In [10]:
Out[10]: array([[ 1.342, 0.616, 0.489],
              [ 183. , 50. , 14. ],
              [ 14.764, 6.775, 5.376], [2013. , 550. , 154. ]])
       Part xi)
In [11]:
[-14.764, -6.775, -5.376],
              [-2013. , -550. , -154. ]])
       Part xii)
In [12]:
Out[12]: array([ 3.323, 989.61 ])
```