Load

In [1]:
```
from numpy import *
import mpl_toolkits.mplot3d.axes3d as p3
import numpy as np
import matplotlib.pyplot as plt
import operator
import plotly.graph_objects as go
import matplotlib as mpl

from RationalBezier import Rational_BezierBase,Rational_BezierSurface,plotSurface
```

In [2]:

```
weights=np.asarray([[1,2,1],
                    [2,1,2],
                    [1,2,1]])

P=np.asarray([[[0,0,1],[1,0,1],[2,0,1.5]],
                     [[0,1,2],[1,1,2.5],[2,1,3]],
                     [[0,2,1],[1,2,3],[2,2,2.5]]])
plotSurface(P,weights)
```

In [3]:

```
#
weights=np.asarray([[1,2,1],
                    [2,10,2],
                    [1,2,1]])
plotSurface(P,weights)
```

In [4]:

```
weights=np.asarray([[1,2,1],
                    [2,100,2],
                    [1,2,1]])
plotSurface(P,weights)
```

In [5]:

```
weights=np.asarray([[1,2,1],
                    [2,500,2],
                    [1,2,1]])
plotSurface(P,weights)
```

In [6]:

```
weights=np.asarray([[1,10,1],
                    [10,1,10],
                    [1,10,1]])
plotSurface(P,weights)
```

In [7]:

```
weights=np.asarray([[1,100,1],
                    [100,1,100],
                    [1,100,1]])
plotSurface(P,weights)
```

In [8]:
```
weights=np.asarray([[1,500,1],
                    [500,1,500],
                    [1,500,1]])
plotSurface(P,weights)
```

In [ ]:
```

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In [ ]:
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