# 中興工程

指導教授: 孔令傑 教授

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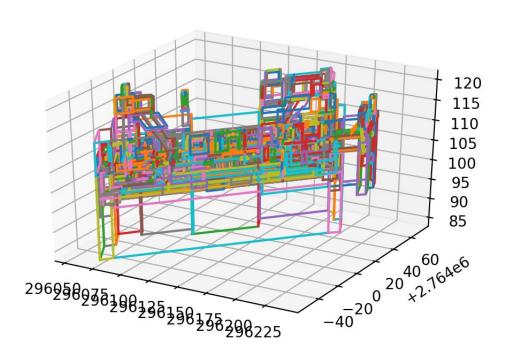
### Agenda

- □ gbXML 譯為平面圖形
- □ Graph 演算概念
- □ 從平面圖形描繪出穿堂層

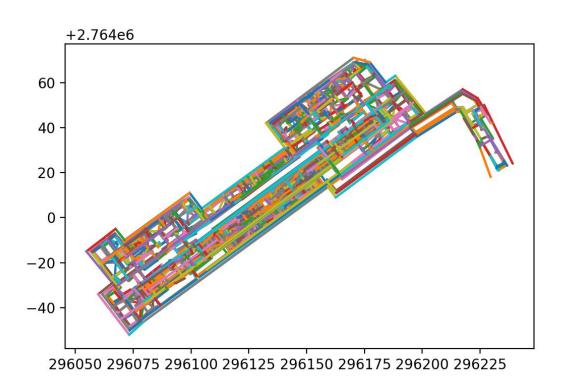
### gbXML譯為平面圖形

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<Elevation>0</Elevation>
 <CADModelAzimuth>0</CADModelAzimuth>
</Location>
<Building buildingType="Office" id="aim0013">
 <Area>4954.048</Area>
 <Space buildingStoreyIdRef="aim0244" id="aim0626">
   <Area>64.29575</Area>
   <Volume>289.3308</Volume>
   <PlanarGeometry>
     <PolyLoop>
        <CartesianPoint>
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          <Coordinate>2763961</Coordinate>
          <Coordinate>104.9</Coordinate>
        </CartesianPoint>
        (CartesianPoint)
          <Coordinate>296069.7</Coordinate>
          <Coordinate>2763964</Coordinate>
          <Coordinate>104.9</Coordinate>
        </CartesianPoint>
        <CartesianPoint>
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          <Coordinate>2763967</Coordinate>
          <Coordinate>104.9</Coordinate>
        </CartesianPoint>
```

#### 使用座標點畫出立體圖形

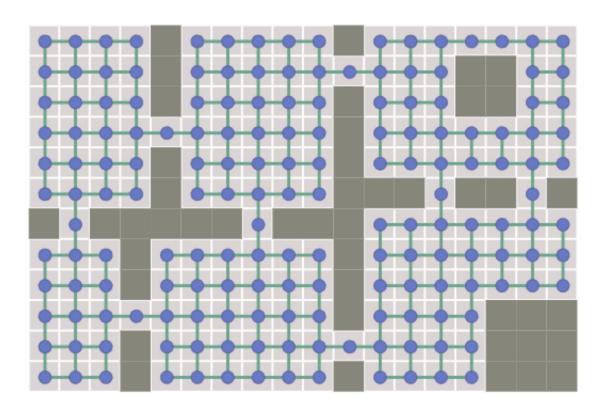


#### 使用座標點畫出平面圖形

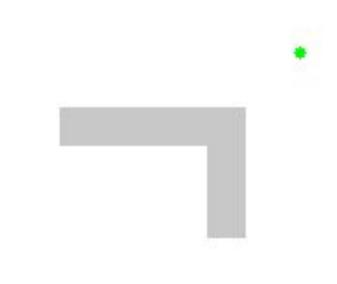


# Graph 演算概念

## Graph



### 類流體模擬演算法





### 從平面圖形描繪出穿堂層

